



REPORT

ON THE

Health of the County Borough of Belfast FOR THE YEAR 1925.

BY

H. W. BAILIE,

Medical Superintendent Officer of Health for the City.

Belfast:

THOS. BROUGH & COX, PRINTERS, 96-100 DONEGALL STREET.



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County Borough of Belfast.

**PUBLIC HEALTH COMMITTEE,
1925.**

Chairman:

COUNCILLOR H. SMYLIE.

Vice-Chairman:

COUNCILLOR CAPT. A. CRAWFORD BROWNE.

Aldermen:

GRAHAM.

M'MORDIE.

DR. WILLIAMSON.

Councillors:

CAPTAIN BROWN.

DORAN.

HALL.

HENDERSON.

MAGUIRE.

MIDGLEY.

McCLURE.

M'COMB.

M'DONALD.

CAPTAIN NICHOLL.

SOMERSET.

SMYLIE.

STAFF

(1st January)

Executive Sanitary Officer:

G E O R G E W A R D , M.R.S.I.

- 1 Chief Clerk
- 1 Clerk, Notification of Deaths, etc.
- 2 Clerks, Infectious Disease.
- 6 Clerks of Divisions
- 2 Clerks under Maternity and Child Welfare Scheme.
- 2 Shorthand Writers and Typists
- 4 Divisional Inspectors
- 4 Inspectors under the Sale of Food and Drugs Acts
- 3 Inspectors under the Factory and Workshop Act (1 male and 2 females)
- 1 Inspector of Dairies and Cowsheds
- 1 Inspector of Milkshops
- 1 Inspector of Lodging Houses
- 1 Port Sanitary Inspector
- 1 Inspector in Charge of Infectious Disease Staff
- 4 Assistant Disinfectors (including one qualified Inspector)
- 14 District Inspectors
- 3 Drain Testers
- 4 Drain Testers' Assistants
- 6 Female Inspectors engaged as Health Visitors (including two temporary Inspectors)
- 7 Do. do. under Maternity and Child Welfare Scheme
- 1 Do. do. as Superintendent of Midwives
- 2 Notice and Summons Servers
- 1 Messenger and Time Clerk
- 4 Employed at Disinfecting Station (3 males and 1 female)
- 1 Disinfectant Storeman

SUMMARY

OF

VITAL STATISTICS.

Area in Statute Acres	Land ..	14,804
(Census 1911)	Water ..	335
		15,139
*Population	438,000	
Density	29.6 persons to an acre.	
Births	10,234	
Birth Rate	23.4	
Deaths	6,131	
Death Rate	14.0	
Infantile Mortality	1,069 deaths under 1 year = 104 per 1,000 births.	
Deaths from Zymotic Diseases	574	
Death Rate do.	1.3	
Deaths from Phthisis	575	
Death Rate do.	1.3	
Total deaths from Chest Affections	1,738	
Death Rate do. do.	4.0	

* As estimated by the Registrar-General to the middle of the year.

To the Lord Mayor and Corporation of the County Borough of Belfast.

MY LORD MAYOR, LADIES AND GENTLEMEN,

I have the honour to submit to you my twentieth Annual Report on the health of the County Borough of Belfast and the Administration of the Public Health Department.

The report includes the 52 weeks ended 2nd January, 1926, with the exception of the portions dealing with Meat Inspection and Venereal Diseases which are for the year ended 31st March, 1926.

The population, as estimated by the Registrar-General for Northern Ireland to the middle of the year, was 438,000, an increase of 4,000 compared with the year 1924.

The birth rate for the year was 23.4, a decrease of 0.5 compared with the preceding year when the rate was 23.9.

The death rate from All Causes was 14.0 per 1,000, of the population, a decrease of 0.3 compared with the year 1924, and 2.7 below the average rate for the ten preceding years.

1,738 or 28.35 per cent. of the total deaths registered were caused by Chest Affections, 575 being due to Phthisis ; 517 to Pneumonia and 646 to other diseases of the Respiratory System. Zymotic diseases accounted for 574 deaths or 9.36 per cent. of the total deaths registered, 203 of these were caused by Diarrhœa, 99 by Whooping Cough, 167 by Measles, 49 by Scarlet Fever, 38 by Diphtheria, and 18 by Typhoid Fever.

444, or 7.24 per cent. of the total deaths were caused by Cancer ; 84, or 1.37 per cent. by Influenza and 125 or 2.04 per cent. by Violence.

The death rate from Phthisis was 1.3 per 1,000 of the population ; from Pneumonia 1.2 and from other diseases of the Respiratory System 1.5, showing a decrease of 0.1 in the deaths from Phthisis, of 0.2 from Pneumonia, and of 0.1 from other diseases of the Respiratory System.

The death rate from Zymotic Diseases was 1.3, an increase of 0.3 compared with the preceding year. The increase was due to Diarrhœa and Measles, 203 deaths from Diarrhœa being registered and 167 from Measles, compared with 154 and 83 respectively. There was also an increase in the number of deaths from Typhoid Fever 18 being registered compared with 3 in the preceding year. The increase was due to an outbreak which occurred in connection with milk which was being sent into the city from a dairy situated outside the city.

104 deaths of children under one year old per 1,000 births were registered during the year. This is a decrease of 3 per 1,000 compared with the preceding year.

There was a decrease in the total number of cases of Infectious Diseases, 2,306 cases being notified during the year compared with 2,427 during the preceding year.

I have pleasure in again acknowledging the loyalty of and the efficient services rendered by every member of the staff during the year.

It is with the deepest regret that I have to record the death of the late Mr. G. Ward, who held the position of Executive Sanitary Officer for 19 years. He was a most faithful colleague and friend and carried out his duties with zeal and efficiency.

I am, my Lord Mayor, Ladies and Gentlemen,

Your obedient Servant.

H. W. BAILIE,

Medical Superintendent Officer of Health.

POPULATION.

The population, as estimated by the Registrar-General to the middle of the year, was 438,000, an increase of 4,000 compared with the preceding year, and upon this estimate the various rates have been calculated.

BIRTHS.

10,234 births were registered during the year, equivalent to a birth rate of 23.4 per 1,000 of the population. This is a decrease of 0.5 per 1,000, compared with the preceding year, when the number registered was 10,594 and the rate 23.9.

The average number registered annually during the ten years, 1915–1924 was 10,327, and the average annual birth rate 25.1.

The following shews the number of births, the percentage of the total number registered during the year, and the birth rate per 1,000 of the population in each of the four quarters of the year :—

			No. of Births.	Percentage of Total No.	Birth Rate.
First Quarter	..	..	2,564	25.1	23.4
Second Quarter	..	..	2,749	26.9	25.1
Third Quarter	..	..	2,582	25.2	23.6
Fourth Quarter	..	..	2,339	22.9	21.4

Table No. 4 shews the number of births in each of the several Dispensary Districts.

DEATHS.

6,131 deaths were registered from all causes during the year, equivalent to a death rate of 14.0 per 1,000 of the population, a decrease of 0.3 per 1,000 compared with the preceding year, when the number registered was 6,329 and the rate 14.3.

The average number registered annually during the ten years 1915–1924 was 6,829, and the average annual death rate 16.7.

The following shews the number of deaths, the percentage of the total number registered during the year, and the death rate per 1,000 of the population in each of the four quarters of the year :—

			No. of Deaths.	Percentage of Total No.	Death Rate.
First Quarter	..	..	1,847	30.1	16.9
Second Quarter	..	..	1,388	22.6	12.7
Third Quarter	..	..	1,173	19.1	10.7
Fourth Quarter	..	..	1,723	28.1	15.7

TABLE No. 1.

Showing the number of deaths, the percentage of the total number registered, and the death rate per 1,000 of the population at various age periods, compared with the year 1924.

			1925.		1924.			
			No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population	No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population
Under 1 year	..	..	1,069	17.4	2.4	1,137	18.0	2.6
1 year and under 5 years	..		672	11.0	1.5	626	9.9	1.4
5 and under 25 years	..		617	10.1	1.4	550	8.7	1.2
25 and under 45 years	..		732	11.9	1.7	822	13.0	1.9
45 and under 65 years	..		1,475	24.1	3.4	1,584	25.0	3.6
65 years and upwards	..		1,566	25.5	3.6	1,610	25.4	3.6

TABLE No. 2.

Shewing the number of deaths from various causes, together with the death rate per 1,000 of the population, and the percentage of the total number registered.

				1925.			1924.			
Cause of Death				No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population	No. of Deaths	Percentage of total Deaths Registered	Death Rate per 1,000 of the population	
Typhoid Fever	..	..	18	0.29	0.04	3	0.05	0.007
Typhus Fever	..	..	—	—	—	—	—	—
Smallpox	..	..	—	—	—	—	—	—
Measles	..	..	167	2.72	0.38	83	1.31	0.19
Scarlet Fever	..	..	49	0.8	0.11	57	0.90	0.13
Whooping Cough	..	..	99	1.61	0.23	89	1.41	0.20
Diphtheria	..	..	38	0.62	0.09	23	0.36	0.05
Dysentery	..	..	—	—	—	—	—	—
Influenza	..	..	84	1.37	0.19	139	2.20	0.31
Diarrhœa—										
Under 2 years of age			..	203	3.31	0.46	154	2.43	0.35	
Tuberculous Diseases—										
Phthisis			575	9.38	1.3	605	9.56	1.4
Other Forms			177	2.89	0.4	168	2.65	0.4
Total Tuberculous Diseases				<u>752</u>	<u>12.27</u>	<u>1.7</u>	<u>773</u>	<u>12.21</u>	<u>1.8</u>	
Diseases of the Respiratory System—										
Pneumonia			517	8.43	1.2	623	9.84	1.4
Other			646	10.54	1.5	720	11.38	1.6
Total Dis. Resp. System				<u>1,163</u>	<u>18.97</u>	<u>2.7</u>	<u>1,343</u>	<u>21.22</u>	<u>3.0</u>	
Total Chest Affections		..	1,738	28.35	4.0	1,948	30.78	4.4		
Cancer	..	..	444	7.24	1.0	424	6.70	0.96
Violence	..	..	125	2.04	0.29	127	2.01	0.29

TABLE No. 3.

Shewing the annual death rate per 1,000 of the population from all causes during the twenty years 1906-1925 ; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1906	..	20.1	1916	..	16.7
1907	..	21.3	1917	..	16.7
1908	..	19.5	1918	..	22.7
1909	..	18.2	1919	..	17.9
1910	..	18.6	1920	..	17.5
1911	..	17.2	1921	..	14.4
1912	..	18.1	1922	..	14.8
1913	..	18.8	1923	..	13.8
1914	..	18.9	1924	..	14.3
1915	..	17.9	1925	..	14.0

TABLE No. 4.

Shewing the number of Births registered in each of the several Dispensary Districts, also the number of deaths of Infants under 1 year old.

DISTRICT.			BIRTHS				DEATHS
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Under 1 Year
No.	1	..	127	118	114	117	476
„	2	..	320	303	302	253	1,178
„	3	..	316	352	319	259	1,246
„	4	..	186	203	207	186	782
„	5	..	155	137	147	130	569
„	6	..	176	192	204	155	727
„	7	..	19	16	20	23	78
„	8	..	55	55	49	36	195
„	9	..	175	198	180	149	702
„	10	..	188	209	194	180	771
„	11	..	229	273	211	228	941
„	12	..	160	177	180	155	672
„	13	..	110	128	128	124	490
„	14	..	1	—	—	4	5
„	15	..	192	222	178	198	790
„	16	..	155	166	149	142	612
Total	..	..	2,564	2,749	2,582	2,339	10,234

TABLE No. 5.

Shewing the Population, the number of Births, the Birth Rate per 1,000, the number of Deaths, the Death Rate per 1,000, and the natural increase during the forty-five years 1881-1925.

Year.		Population	No. of Births	Birth Rate per 1,000	No. of Deaths	Death Rate per 1,000	Natural Increase
1881	..	207,671	6,942	33·4	4,911	23·6	2,031
1882	..	207,671	6,820	32·8	5,365	25·8	1,455
1883	..	214,022	6,694	31·3	5,600	26·2	1,094
1884	..	216,622	7,231	33·4	5,073	23·4	2,158
1885	..	219,222	7,161	32·7	6,127	27·9	1,034
1886	..	221,822	7,344	33·1	5,256	23·7	2,088
1887	..	224,422	7,502	33·5	5,807	25·9	1,695
1888	..	227,022	7,719	34·0	5,742	25·3	1,977
1889	..	229,622	7,705	33·6	5,921	25·8	1,784
1890	..	232,222	8,250	35·5	6,861	29·5	1,389
1891	..	255,922	8,650	33·8	6,537	25·5	2,113
1892	..	261,046	8,592	32·9	6,910	26·5	2,166
1893	..	275,000	9,399	34·2	6,848	24·9	2,551
1894	..	285,000	9,349	32·8	6,615	23·2	2,734
1895	..	295,000	9,772	33·1	7,168	24·3	2,604
1896	..	300,000	10,378	34·5	6,953	23·2	3,425
1897	..	310,000	10,481	33·3	7,225	23·3	3,256
1898	..	340,000	11,234	33·0	7,768	22·8	3,466
1899	..	350,000	11,437	32·7	7,933	22·7	3,504
1900	..	359,000	11,192	31·2	7,642	21·3	3,550
1901	..	350,862	10,859	30·9	7,738	22·4	3,121
1902	..	360,000	11,113	30·5	7,577	20·8	3,536
1903	..	360,000	11,488	32·0	7,169	20·0	4,319
1904	..	360,000	11,323	31·6	7,474	20·8	3,849
1905	..	360,000	11,395	31·8	7,178	20·0	4,217
1906	..	366,220	11,355	31·0	7,379	20·1	3,976
1907	..	370,163	11,233	30·3	7,870	21·3	3,353
1908	..	380,344	11,490	29·7	7,523	19·5	3,967
1909	..	386,576	10,900	28·2	7,028	18·2	3,872
1910	..	391,167	10,888	27·8	7,284	18·6	3,604
1911	..	386,449	10,984	28·4	6,645	17·2	4,339
1912	..	391,974	10,884	27·8	7,111	18·1	3,733
1913	..	396,000	10,996	27·8	7,453	18·8	3,543
1914	..	399,000	11,337	28·0	7,663	18·9	3,674
1915	..	403,000	10,196	25·3	7,220	17·9	2,976
1916	..	390,000	9,415	24·1	6,496	16·7	2,919
1917	..	393,000	8,718	22·2	6,557	16·7	2,161
1918	..	393,000	9,282	23·6	8,920	22·7	362
1919	..	401,000	10,464	25·7	7,278	17·9	3,186
1920	..	413,600	12,144	29·4	7,234	17·5	4,910
1921	..	420,000	11,043	26·3	6,045	14·4	4,998
1922	..	425,000	10,667	25·1	6,304	14·8	4,363
1923	..	429,000	10,746	25·0	5,910	13·8	4,836
1924	..	434,000	10,594	23·9	6,329	14·3	4,265
1925	..	438,000	10,234	23·4	6,131	14·0	4,103

TABLE No. 6.

Shewing the Annual Birth and Death Rates per 1,000 of the population of the principal Urban Sanitary Districts of Ireland.

Urban District.	Births.	Deaths from	
		All Causes.	Zymotic Diseases.
Belfast	23·4	14·0	1·3
Dublin (City)	25·8	15·8	1·6
Dublin Registration Area	24·5	15·4	1·4
Cork	23·8	15·5	0·8
Londonderry	26·7	14·0	0·9
Limerick	27·5	15·0	0·6
Waterford	22·7	13·2	0·8
Galway.. .. .	29·5	14·9	0·3
Dundalk	25·6	14·0	1·3
Lurgan	23·1	16·3	0·6
Drogheda	23·8	15·2	0·6
Lisburn.. .. .	25·7	13·6	1·6
Newry	27·2	17·3	3·3
Portadown	29·2	14·5	1·5
Wexford	26·9	14·7	0·2
*Ballymena	25·8	14·8	0·3
Sligo	19·5	14·9	2·0
Kilkenny	20·8	12·7	0·4
Tralee	23·5	12·0	1·7
Clonmel	22·0	10·5	0·3

TABLE No. 7.
Deaths in Public Institutions of persons *admitted from without the City omitted.*
Comparative Table of Results in each of the 52 weeks.

BELFAST.					WEEK ENDING.																																																				
					Jan. 10	Jan. 17	Jan. 24	Jan. 31	Feb. 7	Feb. 14	Feb. 21	Feb. 28	Mar. 7	Mar. 14	Mar. 21	Mar. 28	Apl. 4	Apl. 11	Apl. 18	Apl. 25	May 2	May 9	May 16	May 23	May 30	June 6	June 13	June 20	June 27	July 4	July 11	July 18	July 25	Aug. 1	Aug. 8	Aug. 15	Aug. 22	Aug. 29	Sept. 5	Sept. 12	Sept. 19	Sept. 26	Oct. 3	Oct. 10	Oct. 17	Oct. 24	Oct. 31	Nov. 7	Nov. 14	Nov. 21	Nov. 28	Dec. 5	Dec. 12	Dec. 19	Dec. 26	Jan. 2	
Number of Weeks in Annual Series					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
BIRTHS registered					208	212	217	165	231	194	187	197	189	185	199	181	199	164	238	229	217	221	222	243	181	210	203	189	227	205	196	170	225	244	183	184	186	186	188	193	230	191	206	197	167	196	191	161	186	157	192	180	168	193	118	233	
Number of Deaths					137	149	141	142	136	155	173	151	143	134	123	134	129	102	129	120	117	101	121	93	102	112	99	91	111	90	84	97	91	82	75	89	97	124	95	103	92	68	76	85	96	98	110	94	117	105	133	175	204	178	154	174	
Annual Death-rate per 1,000					16.3	17.7	16.8	16.9	16.2	18.5	20.6	18.0	17.0	16.0	14.6	16.0	15.4	12.1	15.4	14.3	13.9	12.0	14.4	11.1	12.1	13.3	11.8	10.8	13.2	10.7	10.0	11.5	10.8	9.8	8.9	10.6	11.5	14.8	11.3	12.3	11.0	8.1	9.0	10.1	11.4	11.7	13.1	11.2	13.9	12.5	15.8	20.8	24.3	21.2	18.3	20.7	
Ages.	Under 1 year	22	34	18	28	18	24	41	29	27	17	21	11	21	12	17	21	22	14	16	12	19	13	25	9	18	15	17	14	10	11	14	16	22	34	21	19	18	14	11	17	19	20	18	15	10	16	23	43	48	32	38	25				
	1— 5 years	22	11	14	13	23	18	24	12	7	19	13	12	8	15	8	10	12	7	11	5	9	8	9	10	7	2	7	7	4	6	6	6	7	8	7	7	3	6	5	5	6	10	13	6	15	16	30	37	42	38	29	37				
	5—25	15	16	14	17	13	15	7	17	14	22	9	11	19	10	19	11	11	14	14	9	7	13	11	12	10	11	9	15	17	12	9	6	7	12	11	13	12	7	7	7	11	10	8	8	12	11	13	4	15	13	10	17				
	25—45	12	15	21	16	15	16	22	19	14	12	18	22	22	7	17	18	17	14	15	15	17	11	5	15	14	15	9	13	7	11	8	15	16	14	13	14	9	5	17	7	9	11	13	10	18	14	13	19	19	20	10	14				
	45—65	33	28	40	23	33	44	31	33	35	27	29	46	25	35	31	26	32	20	33	27	22	33	32	17	28	17	17	20	27	25	23	29	24	33	26	28	26	22	21	25	22	26	23	27	35	24	27	33	36	31	28	37				
	65 and upwards	33	45	34	45	34	38	48	41	46	37	33	32	34	23	37	34	23	32	32	25	28	34	17	28	34	30	25	28	26	17	15	17	21	23	17	22	24	14	15	24	20	21	35	28	27	24	27	39	44	44	39	44				
Deaths from :—																																																									
Enteric Fever					1	1	1	..	3	4	3	1	..	1	1	..	1	1		
Typhus						
Small-pox					
Measles					1	1	1	2	1	1	1	1	1	6	2	9	6	20	13	32	22	19	28		
Scarlet Fever					4	1	2	..	2	..	4	..	1	3	1	1	2	2	1	1	1	1	1	..	2	1	1	..	1	..	1	..	1	1	1	2	..	1	2	1		
Whooping-cough					7	3	3	4	5	6	4	5	5	4	2	3	4	4	4	1	7	4	3	2	2	2	2	1	1	1	2	..	1	1	1	1	..	1	..	1
Diphtheria					2	2	..	1	1	1	1	1	3	..	2	..	2	..	1	2	1	1	2	..	1	2	2	..	2	1	2	..			
Dysentery						
Influenza					4	1	5	4	7	5	4	2	6	2	4	2	2	3	3	..	1	1	1	2	1	2	1	1	1	2	1	..	1	2	..	2	2	1	3	..	1	..	
Tuberculosis	Pulmonary	8	7	16	14	13	13	21	17	13	15	13	18	20	7	22	11	11	10	7	15	13	13	6	15	6	10	8	8	13	11	7	9	10	10	12	6	6	7	7	2	6	15	8	7	13	15	7	9	13	13	9	10				
	Other Forms	4	8	3	4	1	1	1	7	2	4	2	8	2	1	3	6	6	6	3	1	4	2	6	4	3	7	4	4	3	3	3	2	3	8	3	3	..	2	3	2	2	..	3	3	6	3	3	2	6	1	3	3				
Cancer					..	..	..	..	6	6	14	8	9	9	7	12	5	7	14	11	11	5	9	14	9	7	7	10	7	11	6	7	17	9	8	12																	

TABLE No. 8.

Analysis of Deaths Registered as having occurred during the year ended Saturday, the 2nd day of January, 1926.

CAUSES OF DEATH.	AGE.																							SEX.		TOTAL.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.		Females.
I. General Diseases.																											
1. Typhus Fever
2. Typhoid Fever
3. Pyrexia (origin uncertain)
4. Scarlet Fever
5. Smallpox
6. Diphtheria
7. Croup
8. Erysipelas
9. Whooping Cough
10. Measles
11. Influenza
Total	84	113	41	25	13	276	13	276	2	3	1	2	2	2	7	7	6	11	14	10	9	4	1	1	185	185	370
II. Common Infectious Diseases.																											
12. Other epidemic diseases
13. Purulent infection and septicaemia
14. Tuberculosis of the lung
15. Acute miliary tuberculosis
16. Tuberculous meningitis
17. Abdominal tuberculosis
18. Other forms of tuberculosis
19. Rickets
20. Syphilis
21. Cancer and other malignant tumors
22. Other tumors
23. Acute articular rheumatism
24. Chronic rheumatism and gout
25. Diabetes
26. Exophthalmic goitre
26a. Acromegaly
27. Debility
28. Leuchæmia
29. Anæmia, chlorosis
30. Other general diseases
31. Alcoholism (acute or chronic)
32. Chronic lead poisoning
Totals of general diseases	38	27	11	11	13	100	25	56	109	122	109	88	85	86	88	107	103	113	80	88	20	15	7	..	575	818	1393

TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																		SEX		TOTAL.						
																			Males.	Females.							
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.		75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.		
I. Diseases of the Nervous System and of the Organs of Sense.																											
32a. Hydrocephalus	2	2	..	..	..	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
33. Encephalitis	1	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34. Meningitis { 1. Simple meningitis	23	7	4	5	..	44	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Cerebro-spinal men-																											
3. Cerebro-spinal fever																											
35. Locomotor ataxia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Other diseases of the spinal cord .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
37. Cerebral hemorrhage, apoplexy	5	..	..	..	..	5	..	..	1	2	1	3	6	7	22	31	32	47	40	58	38	24	16	..	..
38. Softening of the brain .. .. .	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	3	..	2	1	1	1	1	..	..	..
39. Paralysis without specified cause .. .. .	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
40. General paralysis of the insane .. .. .	..	..	..	..	..	..	..	..	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
41. Epilepsy .. .. .	..	..	..	..	..	1	1	2	..	..	..	..	..	1	1	..	..	2	..	..	..	..	..	..	..
42. Convulsions (non-puerperal) .. .. .	..	..	..	..	..	75	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43. Convulsions of infants	52	16	5	2	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44. Chorea .. .. .	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
45. Neuralgia and Neuritis .. .. .	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
46. Other diseases of the nervous system .. .. .	..	..	..	..	..	1	1	1	..	1	2	1	..	2	..	1	1	2	3	4	4	3	..	..	..
47. Diseases of the eyes .. .. .	..	..	..	..	..	3	..	2	4	2	..	2	..	1	..	..	..	..	1	..	..	..	..	..	..
48. Diseases of the ears .. .. .	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals of nervous system, etc.	83	28	10	7	7	135	9	6	8	7	12	9	9	14	27	42	41	55	56	64	47	25	16	..	293	289	582
III. Diseases of the Circulatory System.																											
49. Pericarditis	
50. Acute endocarditis	1	3	8	
51. Organic diseases of the heart	2	..	2	4	11	19	13	16	12	12	23	22	41	73	68	94	94	84	4	34	17	..	19	24	43
52. Angina pectoris	1	..	1	..	3	1	4	2	4	2	1	15	4	19
53. Diseases of the arteries, atheroma, aneurism, etc.	1	2	3	3	6	10	10	11	8	4	4	..	42	20	62
54. Embolism and thrombosis	1	..	3	1	2	1	2	5	6	7	3	4	4	2	1	..	15	27	42
55. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2	..	1	..	1	1	3	4
56. Diseases of the lymphatic system (lymphangitis, etc)	1	1	..	1
57. Hemorrhage; other diseases of the circulatory system	1	1	1	1
Totals of circulatory system	3	..	2	..	1	6	14	27	19	18	17	16	28	29	48	85	85	120	110	105	68	43	22	..	395	465	860

TABLE No. 8 (continued).

	AGE.																	SEX		TOTAL.													
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.						
IV. Diseases of the Respiratory System.																																	
57a. Asphyxia ..	1	1	8	2	1	2	5	2	1	..	4	1	3	10	9	23	34	35	43	64	24	27	21	..	..	172	225	2			
58. Acute bronchitis ..	62	18	26	8	4	238	4	5	5	..	..	2	2	3	10	13	21	23	15	34	19	6	6	..	..	61	94	397	
59. Chronic bronchitis ..	118	82	16	4	3	118	1	2	4	6	5	6	8	7	14	15	17	18	16	9	7	3	1	..	..	154	142	296			
60. Broncho-pneumonia ..	56	39	16	4	3	118	1	2	4	6	5	6	8	7	14	15	17	18	16	9	7	3	2	..	..	135	123	258			
61. Pneumonia ..	..	..	..	..	..	..	..	..	1	2	1	3	1	1	1	1	2	1	8	2	1	1	..	..	..	..	11	20	..
62. Pleurisy ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	1	..	..	..	..	7	2	9	..
63. Gangrene of the lung ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	2	3	5	..
64. Asthma		
65. Pulmonary emphysema	
66. Other diseases of the respiratory system (tuberculosis excepted) ..	6	3	1	1	..	11	2	..	..	..	..	1	1	3	3	3	3	..	2	..	..	..	..	..	..	15	14	23	..
Totals of respiratory system ..	243	143	51	15	8	460	13	4	11	10	10	14	16	27	38	62	85	85	89	120	58	39	30	..	..	555	616	1171	..		
V. Diseases of the Digestive System.																																	
67. Ulcer of the stomach ..	..	2	..	..	..	2	..	..	..	2	1	..	3	3	3	1	4	2	..	1	..	..	..	..	..	15	7	22	..
68. Other diseases of the Stomach (cancer excepted) ..	12	3	4	3	2	19	3	4	7	1	..	2	1	1	2	5	2	3	3	4	1	3	1	..	..	21	28	49	..		
69. Diarrhoea and enteritis ..	175	25	3	..	..	208	5	3	7	5	1	..	1	..	1	1	2	4	2	1	1	1	..	..	..	140	92	232	..
70. Appendicitis and typhlitis ..	..	2	..	..	..	2	2	4	1	1	1	..	..	1	3	6	5	6	1	2	1	3	1	..	..	15	16	31	..
71. Hernias, intestinal obstructions ..	6	2	2	2	1	13	2	..	1	1	..	1	..	1	2	1	2	1	1	5	1	1	..	..	..	26	20	46	..	
72. Other diseases of the intestine ..	2	..	..	..	..	2	..	..	..	1	2	1	..	2	2	1	2	1	2	1	..	1	..	..	..	10	8	18	..
73. Acute yellow atrophy of the liver	1	1	1		
74. Hydatid tumour of the liver	1	
75. Cirrhosis of the liver	1	1	
76. Biliary calculi	1	2	1	
77. Other diseases of the liver	1	1	2	2	1	..	2	4	3	7	
78. Simple peritonitis (non-puerperal) ..	4	1	5	1	1	3	2	2	1	4	..	3	2	5	7	
79. Other diseases of the digestive system (cancer and tuberculosis excepted)	1	1	..	3	1	2	..	2	3	4	9	13
Totals of digestive system ..	200	36	9	5	3	253	12	7	10	11	6	4	11	10	18	19	23	22	15	15	3	12	2	...	...	246	207	453	..		
VI. Non-venereal Disorders of the Genito-Urinary System.																																	
80. Acute nephritis ..	..	1	1	1	..	3	6	..	1	5	2	9	2	6	5	4	14	13	4	5	..	..	..	..	..	45	34	79	..
81. Bright's disease ..	..	..	..	..	..	..	1	..	1	..	2	1	3	3	8	7	12	5	1	9	2	4	..	..	..	23	36	59	..
82. Other diseases of the kidneys	1	2	2	1	4	2	10	12
83. Calculi of the urinary passages	1	..	1	..	1	1	..	3	..	2	1
84. Diseases of the bladder	1	2	1	2	4	4	7	1	1	14	8	22
85. Diseases of the prostate	1	1	2	5	4	2	2	1	19	..	19
86. Hemorrhage	2	1	1	2	1	..	1	1	2	3
87. Tumor (non-cancerous)	1	..	1	1	1	7	8
88. Other diseases of the uterus	1	1	2	2
Totals of genito-urinary system ..	2	1	1	1	..	5	7	..	2	5	5	10	6	11	17	18	30	29	15	21	14	7	2	..	..	105	99	204	..		

TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																	SEX		TOTAL.								
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.		70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and over.	Age not known.	Males.	Females.	
VII. Puerperal State.																												
89. Accidents of pregnancy	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	4	
90. Puerperal hemorrhage	..	..	..	..	..	..	..	..	..	1	1	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
91. Other accidents of labour	..	..	..	..	..	..	..	..	..	1	2	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	11	
92. Puerperal septicemia	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
93. Puerperal albuminuria and convulsions	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
93a. Puerperal Insanity	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
Totals of puerperal state	..	..	..	..	..	..	..	..	..	5	4	6	4	3	..	..	..	..	..	..	..	..	..	..	..	22	22	
VIII. Diseases of the Skin and of the Cellular Tissue.																												
94. Gangrene	..	1	..	..	..	1	1	1	..	..	..	..	..	..	1	3	1	1	1	3	1	1	..	..	..	3	9	12
95. Acute abscess	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	2	1	3
96. Other diseases of the skin	2	1	..	..	4	..	1	2	1	1	..	..	2	..	..	1	1	1	3	..	1	1	..	..	..	5	13	18
Totals of skin tissue	2	2	..	..	1	5	1	2	2	2	..	..	1	2	1	2	2	4	4	3	2	1	..	..	..	10	23	33
IX. Diseases of the Bones and of the Organs of Locomotion.																												
97. Diseases of the bones (tuberculosis excepted)	..	..	..	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
98. Diseases of the joints (tuberculosis and rheumatism excepted)	2	..	..	..	2	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	3	4
99. Amputations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
100. Other diseases of the organs of locomotion	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals of bones and organs of locomotion	2	..	..	..	3	1	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	5	7
X. Malformations.																												
101. Congenital malformations (still-births not included)	27	..	..	..	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	14	27	
XI. Diseases of Early Infancy.																												
102. Congenital debility icterus, and sclerema	24	4	1	..	..	345	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	197	148	345
103. Other accidents at birth	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
104. Inattention at birth	9	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	5	9
105. Other diseases peculiar to early infancy	13	..	..	..	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	3	13
Totals of early infancy	363	4	1	..	..	368	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	211	157	368

TABLE No. 8 (continued).

CAUSES OF DEATH.	AGE.																				SEX		TOTAL.					
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.		85 years and over.	Age not known.	Males.	Females.	
XII. Old Age.	4	9	69	69	71	62	..	90	194	284	
XIII. Affections produced by External Causes.	1	..	3	2	..	1	2	..	..	..	..	..	..	..	..	5	10	
107. Suicide by poison	1	1	
108. Suicide by asphyxia	4	4
109. Suicide by hanging or strangulation	7
110. Suicide by drowning
111. Suicide by firearms
112. Suicide by cutting or piercing instruments	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
113. Other suicides	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2
114. Poisoning by food	1	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..
115. Other acute poisonings	15	..	..	..	..	..	1	1	..	..	..	4	1	..	..	..	..	..	..	..	7	10	10
116. Burns	2	7	1	3	2	..	3	..	..	1	..	1	1	1	..	..	..	..	..	1	..	..	..	..	11	11	22	22
117. Absorption of deleterious gases	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	2	2
118. Accidental drowning	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
119. Traumatism by cutting or piercing instruments
120. Traumatism by fall
121. Traumatism by machines
122. Excessive cold
123. Effects of heat
124. Homicide by firearms
125. Homicide by cutting or piercing instruments
126. Homicide by other means	1	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
127. Fractures (causes not specified)	1	1	7	4	3	2	5	4	5	3	2	3	3	3	1	5	2	1	3	1	..	3	9	12	12
128. Other external violence	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	37	18	55	55
Totals of affections by external causes ..	7	7	2	4	3	23	9	3	5	10	8	7	9	7	5	9	9	5	7	5	1	2	5	..	76	53	129	129
XIV. Ill-defined Diseases.
129. Ill-defined organic disease
130. Sudden death
131. Cause of death not specified or ill-defined	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	..	1	3	4	4
Totals of ill-defined diseases ..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	1	..	..	1	..	..	..	1	6	7	7
Totals from all causes	1055	361	128	68	50	1662	104	106	169	193	172	148	171	192	251	351	383	449	399	500	293	220	147	..	2757	3153	5910	5910

TABLE No. 9.

Shewing the number of deaths registered as having been caused by the principal Zymotic Diseases, also the annual rate of mortality per 10,000 of the population during the thirty-five years 1891–1925 :—

Year.	POPULATION.	Typhoid Fever.		Typhus Fever.		Smallpox		Scarlet Fever.		Simple Contin'd Fever.		Diphtheria.		Whooping Cough.		Measles.		Diarrhoea.	
		Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000	Number of Deaths.	Annual Rate per 10,000
1891	255,922	151	5.9	10	0.4	3	0.1	31	1.2	9	0.3	26	1.0	158	6.2	10	0.4	276	10.8
1892	261,046	108	4.1	11	0.4	..	..	35	1.3	26	1.0	43	1.6	131	5.0	339	13.0	286	10.9
1893	275,000	122	4.4	14	0.5	..	..	48	1.7	10	0.4	52	1.9	193	7.0	216	7.8	599	21.8
1894	285,000	145	5.1	4	0.1	..	..	38	1.3	21	0.7	66	2.3	190	6.7	452	15.8	197	6.9
1895	295,000	184	6.2	19	0.6	..	..	88	3.0	29	1.0	34	1.2	109	3.7	197	6.7	325	11.0
1896	300,000	136	4.5	4	0.1	..	..	173	5.8	19	0.6	47	1.6	215	7.2	205	6.8	206	6.9
1897	310,000	354	11.4	5	0.1	..	..	32	1.0	16	0.5	38	1.2	187	6.0	124	4.0	355	11.4
1898	340,000	640	18.8	1	0.03	..	..	21	0.6	22	0.6	87	2.6	109	3.2	54	1.6	356	10.5
1899	350,000	263	7.5	1	0.03	..	..	24	0.7	10	0.3	61	1.7	215	6.1	146	4.2	285	8.1
1900	359,000	261	7.3	2	0.05	..	..	14	0.4	8	0.2	54	1.5	115	3.2	42	1.2	241	6.7
1901	350,862	341	9.7	8	0.2	1	0.03	13	0.4	26	0.7	65	1.9	162	4.6	240	6.8	292	8.3
1902	360,000	169	4.7	3	0.08	1	0.03	15	0.4	12	0.3	66	1.8	208	5.8	349	9.7	204	5.7
1903	360,000	136	3.8	4	0.1	..	..	24	0.7	18	0.5	40	1.1	168	4.7	125	3.5	277	7.7
1904	360,000	111	3.1	6	0.2	8	0.2	21	0.6	8	0.2	28	0.8	260	7.2	196	5.4	251	7.0
1905	360,000	128	3.6	1	0.03	1	0.03	35	1.0	6	0.2	32	0.9	24	0.7	227	6.3	295	8.2
1906	366,220	90	2.5	3	0.08	..	..	26	0.7	9	0.2	41	1.1	331	9.0	29	0.8	376	10.3
1907	370,163	82	2.2	3	0.08	..	..	13	0.3	2	0.05	38	1.0	64	1.7	201	5.4	212	5.7
1908	380,344	57	1.5	10	0.26	..	..	4	0.1	2	0.05	33	0.9	137	3.6	186	4.9	260	6.8
1909	386,576	20	0.5	..	..	..	..	4	0.1	2	0.05	18	0.4	213	5.5	10	0.3	244	6.3
1910	391,167	18	0.5	1	0.03	..	..	18	0.5	5	0.1	27	0.7	259	6.6	504	12.9	241	6.2
1911	386,449	15	0.4	2	0.05	..	..	37	1.0	..	..	32	0.8	67	1.7	2	0.05	290	7.5
1912	391,974	17	0.4	2	0.05	..	..	48	1.2	..	..	37	0.9	217	5.5	171	4.4	159	4.1
1913	396,000	22	0.6	1	0.03	..	..	153	3.9	..	..	53	1.3	41	1.0	182	4.6	458	11.6
1914	399,000	26	0.7	11	0.3	..	..	168	4.2	..	..	31	0.8	205	5.1	205	5.1	457	11.5
1915	403,000	10	0.2	..	..	..	..	107	2.7	..	..	27	0.7	134	3.3	177	4.4	240	6.0
1916	390,000	19	0.5	4	0.1	..	..	52	1.3	..	..	28	0.7	120	3.1	191	4.9	236	6.1
1917	393,000	39	1.0	6	0.15	..	..	11	0.3	..	..	22	0.6	57	1.5	98	2.5	180	4.6
1918	393,000	25	0.6	3	0.08	..	..	12	0.3	..	..	30	0.8	317	8.1	111	2.8	205	5.2
1919	401,000	17	0.4	1	0.02	..	..	138	3.4	..	..	30	0.7	9	0.2	137	3.4	263	6.6
1920	413,000	34	0.8	9	0.2	..	..	94	2.3	..	..	45	1.1	84	2.0	132	3.2	223	5.4
1921	420,000	15	0.4	3	0.07	..	..	11	0.3	..	..	31	0.7	222	5.3	17	0.4	279	6.6
1922	425,000	7	0.2	..	..	..	..	12	0.3	..	..	43	1.0	16	0.4	33	0.8	152	3.6
1923	429,000	4	0.09	..	..	..	..	26	0.6	..	..	24	0.6	182	4.2	126	2.9	154	3.6
1924	434,000	3	0.07	..	..	..	..	57	1.3	..	..	23	0.5	89	2.0	83	1.9	166	3.8
1925	438,000	18	0.41	..	..	..	..	49	1.1	..	..	38	0.9	99	2.3	167	3.8	203	4.6

INFECTIOUS DISEASES.

NOTIFICATIONS.

TABLE No. 10.

Shewing the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889, as having occurred in each of the four quarters.

DISEASE.	QUARTER ENDED.				TOTAL.
	4th April, 1925.	4th July 1925.	3rd Oct., 1925.	2nd Jan., 1926.	
Typhus Fever .. ..	..	..	..	..	..
Typhoid Fever	66	40	25	12	143
Scarlet Fever	414	349	349	545	1657
Simple Fever	2	1	..	..	3
Puerperal Fever	2	1	2	..	5
Relapsing Fever .. ..	..	..	..	..	..
Smallpox .. .. .	..	..	..	..	..
Diphtheria	111	85	91	132	419
Membraneous Croup ..	1	..	1	2	4
Erysipelas	23	9	7	15	54
Cerebro-Spinal Meningitis ..	3	1	1	..	5
Poliomyelitis .. ..	..	..	..	..	..
Encephalitis Lethargica ..	2	4	3	1	10
Ophthalmia Neonatorum ..	3	1	..	2	6
Total	527	491	479	709	2,306

CORRECTED DIAGNOSES.

4 cases of typhoid fever, 24 of scarlet fever, 50 of diphtheria, 1 of membraneous croup and 2 of Encephalitis Lethargica, were found not suffering from the disease notified.

Of these, 1 case notified as scarlet fever was found to be suffering from typhoid fever, 10 cases notified as diphtheria were found to be suffering from scarlet fever and one case notified as diphtheria was found to be suffering from typhoid fever. The remainder were not suffering from any notifiable disease.

Shewing by Registrar's Districts the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.

District.	Typhus Fever.	Typhoid Fever.	Scarlet Fever.	Simple Continued Fever.	Puerperal Fever.	Relapsing Fever.	Smallpox.	Diphtheria	Mem- branous Croup.	Erysipelas.	Cerebro- Spinal Meningitis.	Polio- myelitis.	Ence- phalitis Lethar- gica.	Ophthal- mia Neona- torum.	Total.
1 Dock	3	59	..	2	..	..	16	..	1	2	..	..	..	81
2 Duncairn	11	170	..	..	..	..	40	..	4	..	..	..	..	227
3 Shankill..	..	7	172	..	..	..	..	42	..	7	1	..	2	..	231
4 Workhouse	..	3	129	..	1	..	..	52	..	4	2	..	..	2	203
5 Millfield..	..	11	57	1	1	..	..	19	..	1	..	..	..	..	90
6 College	1	146	1	..	..	..	54	3	8	..	..	2	..	217
7 Greencastle	..	1	12	..	..	..	..	1	..	..	..	..	..	..	14
8 Ligoniel..	..	2	15	..	..	..	..	1	..	1	..	..	..	..	19
9 Falls	57	86	..	..	..	..	23	..	1	..	..	..	..	170
10 Woodvale	..	2	100	..	..	..	..	22	..	5	..	..	..	..	129
11 Ravenhill	..	2	240	1	..	..	..	59	1	7	..	..	2	..	312
12 Ballymacarrett	..	6	170	..	1	..	..	35	..	5	..	..	..	1	218
13 Ballyhackamore	..	7	156	..	..	..	..	24	..	4	..	..	1	..	192
14 Ballymagan	17	..	..	..	..	..	..	..
15 Central	28	38	..	..	..	..	11	..	5	..	..	..	1	89
16 Pottinger	2	97	..	..	..	..	11	..	1	..	..	3	..	114
Total	143	1657	3	5	..	..	419	4	54	5	..	10	6	2,306

TABLE No. 12.

Shewing the number of Cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.
the number treated at home and the number in hospital during the ten years, 1915-1924.

YEAR.	TYPHUS FEVER.			TYPHOID FEVER.				SCARLET FEVER.				CONTINUED FEVER.				DIPHTHERIA AND MEMBRANEOUS CROUP.				SMALLPOX.			CEREBRO-SPINAL MENINGITIS.				POLIOMYELITIS.				PUERPERAL FEVER.	ERYSIPELAS.	RELAPSING FEVER.	ENCEPHALITIS LETHARGICA.	OPHTHALMIA NEONATORUM.	TOTAL.
	Total.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.	Total.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.	Total.	Home.	Hospital.	Per cent treated in Hospital.						
1915	..	..	..	49	9	40	81.6	1,994	218	1,776	89.1	5	1	4	80.0	179	29	150	83.8	..	..	..	65	9	56	86.1	1	..	1	100.0	6	185	..	..	..	2484
1916	12	12	100.0	127	9	118	92.9	969	106	863	89.1	..	..	..	..	185	28	157	84.9	..	..	..	22	5	17	77.3	6	2	4	66.6	9	137	..	..	..	1467
1917	38	38	100.0	270	25	245	90.7	436	43	393	90.1	5	..	5	100.0	195	21	174	89.2	..	..	..	11	3	8	72.7	3	1	2	66.6	4	113	..	..	..	1075
1918	23	23	100.0	173	7	166	96.0	262	20	242	92.4	5	1	4	80.0	231	14	217	93.9	..	..	..	17	4	13	76.5	..	..	..	..	4	65	..	..	..	780
1919	1	1	100.0	110	8	102	92.7	2,793	251	2,542	91.0	9	3	6	66.7	238	21	217	91.2	..	..	..	12	1	11	91.7	..	..	..	..	23	149	..	..	..	3335
1920	26	26	100.0	210	17	193	91.9	1,939	189	1,750	90.2	6	..	6	100.0	300	20	280	93.3	..	..	..	8	1	7	87.5	1	1	..	..	48	151	..	..	..	2689
1921	10	10	100.0	123	11	112	91.1	786	79	707	89.9	7	..	7	100.0	414	31	383	92.5	4	4	100.0	7	1	6	85.7	..	..	..	..	14	64	..	2	13	1444
1922	..	..	..	80	10	70	87.5	750	67	683	91.1	..	..	..	..	522	48	474	90.8	..	..	..	11	2	9	81.8	4	1	3	75.0	17	71	..	2	13	1470
1923	..	..	..	46	1	45	97.8	984	36	948	96.3	1	..	1	100.0	296	4	292	98.6	..	..	..	3	..	3	100.0	1	..	1	100.0	13	89	..	20	11	1464
1924	..	..	..	44	1	43	97.7	1,818	66	1,752	96.4	..	..	..	..	286	17	269	94.1	..	..	..	..	..	..	..	1	1	..	..	9	42	..	221	6	2427
1925	..	..	..	143	4	139	97.1	1,657	67	1,590	96.0	3	..	3	100.0	423	15	408	96.0	..	..	..	5	..	5	100.0	..	..	..	..	5	54	..	10	6	2306

TABLE No. 13.

Shewing by age periods and sexes the number of cases of Infectious Diseases notified pursuant to the Infectious Disease (Notification) Act, 1889.

DISEASE.	Under 1 year.		1 year and under 2 years.		2 years and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 25 years.		25 years and under 45 years.		45 years and under 65 years.		65 years and upwards.		Age Unknown.	Total No. MALES.	Total No. FEMALES.	Grand Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever ..	..	..	..	..	2	2	10	6	20	17	16	12	12	15	6	14	2	8	1	..	..	69	74	143
Scarlet Fever ..	2	3	31	27	208	195	302	372	153	157	24	45	19	40	20	50	3	6	..	..	..	762	895	1657
Simple Fever ..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	3	..	3
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	3	..	..	..	..	..	..	5	5
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	5	2	7	11	44	62	67	88	43	44	4	14	3	8	2	11	2	1	1	..	..	177	242	419
Membranous Croup ..	..	..	..	..	..	..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
Erysipelas.. ..	3	1	..	1	..	..	..	..	..	1	2	..	1	4	10	12	9	7	2	..	1	25	29	54
Cerebro-Spinal Meningitis	2	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	4	1	5
Poliomyelitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis Lethargica	1	..	..	..	..	..	..	1	..	..	2	..	..	..	..	4	1	1	..	..	..	4	6	10
Ophthalmia Neonatorum	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	6
	18	7	38	39	255	259	381	468	219	219	49	72	36	69	38	94	17	23	1	3	..	1052	1254	2306

TABLE No. 14.

Shewing the rate per 1,000 of the population of cases of Infectious Disease notified, pursuant to the Infectious Disease (Notification) Act, 1889, during the twenty years 1906–1925 ; also the average for the quinquennial periods.

Year.		Rate.	Year.		Rate.
1906	..	7.5	1916	..	3.8
1907	..	4.9	1917	..	2.7
1908	..	3.6	1918	..	2.0
1909	..	2.5	1919	..	8.4
1910	..	3.4	1920	..	6.5
1911	..	3.8	1921	..	3.4
1912	..	3.7	1922	..	3.5
1913	..	7.6	1923	..	3.4
1914	..	7.5	1924	..	5.6
1915	..	6.2	1925	..	5.3

There was a decrease of 0.3 per 1,000 of the population in the attack rate for the year compared with the year 1924, and an increase of 0.8 compared with the average for the ten years 1915–1924.

ZYMOTIC DISEASES.

574 deaths were caused by Zymotic Diseases during the year, equivalent to 9.4 per cent. of the total number of deaths registered from all causes, or a Zymotic death rate of 1.3 per 1,000 of the population. During the preceding year the deaths from Zymotic Diseases numbered 421, 6.7 per cent. of the total deaths, or a death rate of 1.0.

18, or 3.1 per cent. of the total deaths from Zymotic Diseases were caused by Typhoid Fever ; 167, or 29.1 per cent., by Measles ; 49, or 8.5 per cent., by Scarlet Fever ; 99, or 17.2 per cent., by Whooping Cough ; 38, or 6.6 per cent., by Diphtheria ; and 203, or 35.4 per cent., by Diarrhoea.

The diseases from which the greatest number of deaths were registered were Diarrhoea, Measles, and Whooping Cough, the figures being respectively 203, 167 and 99. The comparative figures for the preceding year were 166, 83, and 89 respectively.

TABLE No. 15.

Shewing the annual Death Rate per 1,000 of the population from Zymotic Diseases during the twenty years 1906–1925 ; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1906	..	2.5	1916	..	1.7
1907	..	1.7	1917	..	1.1
1908	..	1.8	1918	..	1.8
1909	..	1.3	1919	..	1.5
1910	..	2.7	1920	..	1.5
1911	..	1.8	1921	..	1.4
1912	..	1.7	1922	..	0.6
1913	..	2.3	1923	..	1.2
1914	..	2.7	1924	..	1.0
1915	..	1.7	1925	..	1.3

TYPHUS FEVER.

No case of Typhus Fever occurred during the year.

TYPHOID FEVER

143 cases were notified, but on investigation, four were found not suffering from the disease. In addition to those notified, one case notified as Scarlet Fever and one of Diphtheria were found to be suffering from Typhoid Fever, which made the total number of cases which occurred during the year 141, an attack rate of 0.3 per 1,000 of the population.

The number of cases which occurred during the preceding year was 43, and the average number notified annually during the ten years 1915-1924 was 123.

18 deaths were registered, equivalent to a case mortality of 12.8 per cent., or a death rate of 0.04 per 1,000 of the population.

The number of deaths registered during the preceding year was 3, and the average number registered annually during the ten years 1915-1924 was 17.

TABLE No. 16.

Shewing the annual death rate per 1,000 of the population from Typhoid Fever during the twenty years 1906-1925 ; also the average rate for quinquennial periods.

Year.		Rate.	Year.		Rate.
1906	..	0.24	1916	..	0.05
1907	..	0.22	1917	..	0.10
1908	..	0.15	1918	..	0.06
1909	..	0.05	1919	..	0.04
1910	..	0.04	1920	..	0.08
1911	..	0.04	1921	..	0.04
1912	..	0.04	1922	..	0.02
1913	..	0.05	1923	..	0.01
1914	..	0.07	1924	..	0.007
1915	..	0.02	1925	..	0.04

Average annual death rate for twenty years, 1906-1925—0.07.

The great increase in the number of cases of Typhoid Fever notified during the year was due to a milk borne epidemic which occurred in March.

On 21st February, the Clerk of the Antrim Rural District Council notified this Department that Mr. C——, the brother of a farmer at —— had died on 20th February, of typhoid fever. He had been ill for over three weeks and the diagnosis had only been made on the day previous to his death; milk had been sent daily to the city during his illness. When the diagnosis had been made the Medical Officer of Health of the district took all the necessary precautions to prevent the spread of the disease and that he was successful in his efforts was proven by the fact that not a single case occurred which could be traced to infection after the source of infection had been removed by the death of the patient and the disinfection of the premises.

The first case notified in this epidemic occurred in Boyd Street, on 9th March, and on the following day two cases occurred in the Grosvenor Road and one case in the Springfield Road. Investigations showed that the affected houses obtained their milk supply from different shops in the neighbourhood, these shops were supplied with milk by a dairyman on Falls Road who was supplied from three farms in Co. Antrim, one of which was the farm where the fatal case of typhoid had been notified. This farm was visited on 15th March. The following is a history of the deceased man's illness :—He had been working on the farm and sickened about 27th January, when he was seen by his doctor who diagnosed influenza which was prevalent in the district at the time. On 8th February, a consulting physician saw the patient and a sample of blood was taken for Widal test, which gave a negative result. On the 18th February, the consultant again saw the patient, a second sample of blood was taken which gave a positive Widal reaction on 19th. The patient died on 20th February.

The number of cases in the city traced to this milk-borne infection was 94 and the history of all of these pointed to infection by the milk prior to the 21st February—the date on which the farm house and dairy premises were disinfected. In a number of cases two or more members of the same family were infected and a few secondary cases—caused by infection from a previous case—also occurred.

This unfortunate outbreak, which was unavoidable in the absence of a diagnosis of typhoid, causes a break in the decreasing numbers of typhoid fever notified each successive year. These numbers have gradually decreased from 2,530 cases in 1901 to 41 cases in 1924, which was the lowest on record.

SCARLET FEVER.

1,657 cases were notified, but on investigation 24 were found not suffering from the disease. In addition to those notified, 10 cases notified as Diphtheria were found to be suffering from Scarlet Fever, which made the total number that occurred during the year 1,643—an attack rate of 3.8 per 1,000 of the population.

The number of cases which occurred during the preceding year was 1,798, and the average number notified annually during the ten years 1915–1924 was 1,273.

49 deaths were registered during the year, equivalent to a case mortality of 3.0 per cent., or a death rate of 0.11 per 1,000 of the population.

The number of deaths registered during the preceding year was 57, and the average number registered annually during the ten years 1915–1924 was 52.

DIPHTHERIA.

419 cases were notified, but on investigation 50 were found not suffering from the disease, which made the total number of cases that occurred during the year 369, an attack rate of 0.8 per 1,000 of the population.

The number of cases that occurred during the preceding year was 244, and the average number notified annually during the ten years 1915–1924 was 280.

38 deaths were registered, equivalent to a case mortality of 10.3 per cent., or a death rate of 0.09 per 1,000 of the population.

The number of deaths registered during the preceding year was 23, and the average number registered annually during the ten years 1915–1924 was 30.

MEMBRANEOUS CROUP.

4 cases of this disease were notified during the year, 1 of which was found, on investigation, not suffering from the disease, which made the total number of cases that occurred during the year 3. 4 cases occurred in the preceding year, and the average number notified annually during the ten years 1915–1924 was 4.

ERYSIPELAS.

54 cases were notified during the year—an attack rate of 0.1 per 1,000 of the population.

The number notified during the preceding year was 42, and the average number notified annually during the ten years 1915–1924 was 107.

CEREBRO-SPINAL MENINGITIS.

5 cases of this disease were notified during the year—an attack rate of 0.01 per 1,000 of the population.

No case occurred during the preceding year. The average number notified annually during the ten years 1915-1924 was 16.

POLIOMYELITIS.

No case of this disease was notified.

ENCEPHALITIS LETHARGICA.

10 cases were notified, 2 of which were found on investigation not suffering from the disease, which made the total number of cases that occurred during the year 8, an attack rate of 0.02 per 1,000 of the population.

The number of cases that occurred during the preceding year was 212.

7 deaths were registered, equivalent to a case mortality of 88.9 per cent., or a death rate of 0.02 per 1,000 of the population.

30 deaths occurred during the preceding year.

OPHTHALMIA NEONATORUM.

6 cases were notified during the year, and 6 during the preceding year.

MEASLES.

167 deaths were registered as having been caused by this disease, equivalent to a death rate of 0.38 per 1,000 of the population.

The number registered during the preceding year was 83, and the average number registered annually during the ten years 1915-1924 was 110.

WHOOPING COUGH.

99 deaths were registered during the year, equivalent to a death rate of 0.23 per 1,000 of the population.

The number registered during the preceding year was 89, and the average number registered annually during the ten years 1915-1924 was 123.

DIARRHŒA.

203 deaths were caused by this disease during the year, equivalent to a death rate of 0.46 per 1,000 of the population.

The number registered during the preceding year was 166, and the average number registered annually during the ten years 1915-1924 was 210.

VOLUNTARY NOTIFICATIONS OF MEASLES AND WHOOPING COUGH.

There were 10 cases of Measles and 6 cases of Whooping Cough notified by the Medical Officers for the several Dispensary Districts, and 53 cases of Measles and 15 cases of Whooping Cough notified by the Principals of the Schools throughout the City.

PUERPERAL FEVER.

5 cases of this disease were notified.

The number of cases notified during the preceding year was 9, and the average number notified annually during the ten years 1915–1924 was 15.

2 deaths occurred, equivalent to a case mortality of 40 per cent.

The number of deaths which occurred during the preceding year was 5, which gave a case mortality of 55 per cent.

The following is a summary showing particulars with respect to the cases treated :—

	Numbers	Recovered	Died
Cases attended by medical practitioners and qualified nurses..	3	1	2
Cases attended by medical practitioners and unqualified nurses	1	1	—
Cases attended by qualified nurses and no medical practitioners	—	—	—
Cases attended by unqualified nurses and no medical practitioners	1	1	—

MIDWIVES.

During the year 196 midwives gave the required notice of their intention to practise, of these 148 were certified by examination and 48 otherwise certified.

In order to insure compliance with the Rules and Regulations of the Joint Nursing and Midwives' Council, the midwives were visited at intervals throughout the year by the Superintendent of Midwives, both at their homes and also at the homes of cases being attended by them. Special attention was given to the personal cleanliness of the midwives and the condition of their homes and necessary appliances. The registers containing the entries of births attended by them were examined, and were, with very few exceptions, found to be correctly kept.

A number of breaches of the Rules and Regulations were discovered and reported to the Maternity and Child Welfare Committee.

6 cases of Ophthalmia Neonatorum occurred during the year. All of these completely recovered.

In cases where artificial feeding was resorted to, instructions as to the absolute necessity of cleanliness of the bottles and teats were given. Mothers were also advised to take advantage of the Child Welfare Centres, the benefits both to themselves and their infants being explained to them.

A great improvement has occurred amongst mothers residing in the poorer localities in the care and attention which they are giving to their babies. I largely attribute this to the manner in which the nurses generally discharge their duties and the information and instructions given at the various Child Welfare Centres.

SUMMARY.

Number of Midwives who notified their intention to practise :—

Certified by examinations	148
Otherwise certified	48
	<hr/>
	196

SUMMARY OF VISITS AND GENERAL INFORMATION WITH RESPECT TO THE ENFORCE-
MENT OF THE PROVISIONS OF THE ACT AND RULES AND REGULATIONS
MADE PURSUANT THERETO.

Visits by Superintending Midwife :—

To Midwives certified by examinations	..	..	..	608	
To Midwives otherwise certified	..	..	..	224	
				—	832
To cases attended by Midwives	..	..	..	..	536
To Maternity Nursing Homes	..	..	..	..	68
To unregistered women found practising	..	..	..	..	26

Births investigated by F.S.S. Officers :—

Attended by Medical Practitioners	..	..	..	..	3,009
„ by Midwives certified by examination	..	..	..	..	3,800
„ by Midwives otherwise certified	..	..	..	..	716
„ in Union Maternity Hospital	..	..	..	..	313
„ in other Maternity Hospitals	..	..	..	..	716
„ by nurses from Maternity Hospitals	..	..	..	..	576
„ in Malone Place Home	..	..	..	..	16
„ in Salvation Army Home	..	..	..	..	33

Notifications received by Medical Superintendent Officer of Health :—

Under Form A.—Sending for Medical help	..	..	..	..	26
„ „ B.—Notification of Death	..	..	..	..	2
„ „ C.—Notification of Stillbirth	..	..	..	..	90
„ „ D.—Notification of having laid out a Dead Body	..	..	..	..	—
„ „ E.—Artificial Feeding	..	..	..	..	2
„ „ F.—Source of Infection	..	..	..	..	1
Number of cases of Puerperal Fever notified	..	..	..	..	5

Irregularities :—

Number of Midwives reported to Medical Superintendent Officer of Health or Maternity and Child Welfare Committee	..	..	..	..	33
Practising without being registered	7

Number of Midwives disinfected owing to infectious disease	9
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TABLE No. 17.
PUERPERAL FEVER.

Return shewing Particulars respecting Puerperal Fever Cases.

No.	ADDRESS.	Dispensary District	Was there a Medical Practitioner present at birth ?	Where Treated		Nurse.		Patient.	
				Home.	Hospital.	Qualified.	Un-qualified.	Died.	Recov'rd.
1	Edith Street ..	12	Yes	1	1	1	..	1	..
2	Maternity Hospital ..	5	Yes	..	1	1	..	..	1
3	Parkmount Street ..	2	Yes	1	1	..	1	..	1
4	North Queen Street ..	2	No	1	1	..	1	..	1
5	Ethel Street ..	4	Yes	..	1	1	..	1	..

TABLE No. 18.
Shewing by Registrars' Districts the number of cases of Typhoid Fever notified, pursuant to the Infectious Disease (Notification) Act, 1889,
in each month of the year.

District.	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock	1	..	1	1	3
2 Duncairn	1	1	1	2	..	1	1	..	1	3	11
3 Shankill	2	..	..	1	6	..	..	..	..	7
4 Workhouse	1	4	2	1	..	..	..	..	..	3
5 Millfield	3	1	..	..	..	..	..	..	..	..	11
6 College	1	..	..	..	..	..	..	..	..	1
7 Greencastle	1	..	..	..	..	..	..	1
8 Ligoniel	1	1	..	..	..	..	..	2
9 Falls	34	10	10	1	1	..	..	1	..	..	57
10 Woodvale	1	..	..	..	..	..	1	..	2
11 Ravenhill ..	1	..	..	..	..	..	1	..	1	..	..	..	2
12 Ballymacarrett	2	..	..	..	..	..	..	1	2	..	..	6
13 Ballyhackamore	1	3	2	1	..	7
14 Ballymaghan
15 Central	16	3	4	..	1	..	2	..	1	1	28
16 Pottinger	1	..	..	1	..	..	..	2
Total ..	2	2	54	18	20	8	6	8	10	5	5	5	143

TABLE No. 19.

Shewing by Registrars' Districts the number of cases of Scarlet Fever notified, pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

DISTRICT.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock	2	4	2	2	8	5	4	6	5	12	3	6	59
2 Duncairn	9	11	16	8	12	8	8	13	23	23	27	12	170
3 Shankill	8	19	20	10	13	13	6	10	15	27	21	10	172
4 Workhouse	7	10	14	11	20	6	3	10	8	17	14	19	139
5 Millfield	10	1	3	1	6	..	3	5	10	10	6	2	57
6 College	16	17	14	8	21	9	2	6	4	17	14	18	146
7 Greencastle .. ..	..	3	2	..	3	1	1	..	..	..	2	..	12
8 Ligoniel	4	..	..	2	1	2	..	1	1	2	2	..	15
9 Falls	5	6	6	2	7	9	3	9	8	11	12	8	86
10 Woodvale	12	12	5	8	9	3	4	12	12	7	9	7	100
11 Ravenhill	18	29	9	18	22	14	12	10	14	35	33	26	240
12 Ballymacarrett	2	13	14	7	12	9	5	10	24	31	25	18	170
13 Ballyhackamore	14	8	13	7	8	10	14	6	10	24	13	29	156
14 Ballymaghan .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Central	1	5	6	7	3	3	..	5	1	4	3	..	38
16 Pottinger	3	2	6	5	10	16	5	12	13	12	8	5	97
Total	111	140	130	96	155	108	70	115	148	232	192	160	1657

TABLE No. 20.

Shewing by Registrars' Districts, the number of cases of Diphtheria notified, pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

DISTRICT.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1 Dock .. ..	..	2	2	1	..	..	2	4	..	1	..	4	16
2 Duncairn	3	1	3	2	7	3	3	4	1	5	5	3	40
3 Shankill	3	4	3	5	4	4	1	3	2	..	3	10	42
4 Workhouse	7	6	4	4	3	1	2	3	3	4	7	8	52
5 Millfield	1	..	2	1	..	2	1	6	..	2	..	4	19
6 College	4	6	8	1	3	2	2	8	2	7	6	5	54
7 Greencastle	1	..	..	..	..	..	..	..	..	..	..	..	1
8 Ligoniel .. ..	..	..	1	..	..	..	..	..	..	..	..	..	1
9 Falls	3	..	1	1	4	2	..	..	4	3	2	6	26
10 Woodvale	2	1	2	..	..	2	1	1	1	3	5	4	22
11 Ravenhill	2	4	4	7	2	8	2	5	7	4	4	10	59
12 Ballymacarrett	1	6	2	2	..	3	..	7	4	3	4	3	35
13 Ballyhackamore	5	2	..	..	3	2	1	2	1	1	1	6	24
14 Ballymaghan .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Central	2	1	2	1	2	1	..	4	..	1	2	1	17
16 Pottinger	2	1	1	2	..	1	1	..	2	1	..	..	11
Total ..	36	34	35	27	28	31	16	47	27	35	39	64	419

TABLE No. 21.

Shewing by Registrars' Districts the number of cases of Erysipelas notified pursuant to the Infectious Disease (Notification) Act, 1889, in each month of the year.

District.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1—Dock ..	..	..	..	..	..	..	..	..	..	..	1	..	1
2—Duncairn ..	..	..	..	..	1	..	..	..	..	2	..	1	4
3—Shankill ..	..	2	1	1	2	..	..	..	..	..	..	1	7
4—Workhouse ..	..	..	..	..	2	..	1	1	..	..	..	..	4
5—Millfield ..	..	..	2	..	..	..	1	..	..	..	..	..	3
6—College ..	3	..	..	..	2	..	1	..	..	..	..	..	6
7—Greencastle ..	..	..	..	..	..	..	..	..	..	..	..	..	..
8—Ligoniel ..	1	..	..	..	..	..	..	..	..	..	..	..	1
9—Falls ..	1	..	..	..	..	..	..	..	..	..	..	..	1
10—Woodvale ..	..	1	2	..	1	..	..	..	..	1	..	..	5
11—Ravenhill ..	..	1	1	1	..	..	1	1	..	1	1	..	7
12—Ballymacarrett ..	..	..	2	..	..	..	..	1	..	..	1	1	5
13—Ballyhackamore ..	..	..	..	..	..	1	..	..	..	1	..	2	4
14—Ballymaghan ..	..	..	..	..	..	..	..	..	..	..	..	..	..
15—Central ..	1	..	1	..	..	..	..	1	..	..	1	1	5
16—Pottinger ..	..	..	..	..	..	..	..	..	..	1	..	..	1
Total ..	6	4	9	2	8	1	4	4	..	6	4	6	54

PUBLIC HEALTH (IRELAND) PNEUMONIA, MALARIA, DYSENTERY, &c., REGULATIONS, 1919.

Under above Regulations, which came into operation on the 1st of April, 1919, every Medical Practitioner as soon as he becomes aware that a person upon whom he is in professional attendance is suffering from Malaria, or Dysentery, or Trench Fever, or Acute Primary Pneumonia, or Acute Influenzal Pneumonia, is required to send or deliver to the Medical Officer of Health, a notification of the case.

The number of cases notified under the Regulations were :—

18 Pneumonia.
1 Malaria.

The houses in which these diseases occurred were visited and precautions taken to prevent the spread of the disease.

PRECAUTIONS TAKEN TO PREVENT THE SPREAD OF INFECTION.

In order to prevent the spread of infection, every house in which infectious disease has occurred is thoroughly disinfected immediately after the receipt of notification of the disease. The bedding, clothing, etc., of the patient and all other articles likely to retain infection are removed to the Disinfecting Station, Laganbank Road, and subjected to steam under pressure.

If it is considered that the patient could not be properly isolated from other members of the family, or that the accommodation in the house is not adequate for successful treatment, removal of the patient to hospital is insisted upon. In cases where home treatment is permitted instructions are given as to the precautions to be taken to prevent the spread of infection and periodical visits are made to ensure that the instructions are being carried out.

Disinfectants are supplied free of cost to every applicant in whose home infectious disease has occurred and also to those whom it is considered are not in a position to purchase same.

Exhaustive enquiries are made with a view to the discovery of the origin of the disease. The sanitary arrangements are carefully examined ; the drains if suspected are tested ; investigations are made with respect to the milk supply ; enquiries are made as to whether any food of a deleterious nature, such as contaminated shellfish, unsound or unwholesome fruit, etc., has been eaten, in fact anything which it is considered might form a possible clue to the source of infection is carefully investigated.

The number of Houses disinfected during the year was 2,913

LIBRARY BOOKS.

During the year 317 volumes belonging to the Central and Branch Public Libraries were taken by the officers of the Department from houses in which infectious diseases occurred, and withdrawn from circulation, amounting to a loss of £95 6s. 2d. to the Library Committee. This is an increase of 136 volumes and of £42 1s. 5d. compared with the preceding year, and was mainly due to the increase in the number of cases of Scarlet Fever which occurred. The books of other libraries were disinfected and returned if the owners did not consent to the destruction of same.

PURDYSBURN FEVER HOSPITAL.

To the Chairman and Members of the Public Health Committee.

LADIES AND GENTLEMEN,

I have the honour to present to you the following report on the working of Purdysburn Fever Hospital for the year 1925 (52 weeks ended 2nd Jan., 1926).

2,482 cases were admitted during this period, there remained from the previous year 333 cases, making a total of 2,815 cases under treatment.

2,652 of these were treated to a conclusion, leaving 263 cases in hospital at the end of the year.

The number of admissions in the previous year had been 2,340 and the average number of admissions in the previous five years 1,616.

TABLE I.
Showing the classification of the cases, and the mortality in cases treated to a conclusion.

Disease.	Remaining on 3/1/25	Admitted during 53 weeks	Total.	Remaining on 2/1/26	Nett	Died	Mortality % calculated on cases treated to a conclusion.
Typhoid	6	171	177	3	174	17	9.77
Typhus	—	—	—	—	—	—	—
Scarlatina	284	1712	1996	188	1808	46	2.54
Diphtheria	30	353	383	55	328	38	11.58
Cerebro-Spinal Fever	—	3	3	—	3	—	0.00
Pneumonia	—	1	1	—	1	—	0.00
Other Diseases ..	13	215	228	15	213	34	15.96
Quarantine	—	23	23	2	21	—	0.00
Epidemic Encephalitis	—	4	4	—	4	1	25.00
Smallpox	—	—	—	—	—	—	—
Acute Poliomyelitis ..	—	—	—	—	—	—	—
Totals	333	2482	2815	263	2552	136	5.32
Comparative Numbers in 1924	214	2340	2554	333	2221	115	5.18

TYPHOID FEVER.

171 cases of Typhoid were admitted during the year, 6 cases remained from the previous year, making a total of 177 cases under treatment. 3 cases were still in hospital at the end of the year. 174 cases were treated to a conclusion, of these, 17 died giving a mortality rate of 9.77 per cent.

Of the 171 admissions, 163 came from the city and 8 from outside the city boundary.

In the previous year the admissions numbered 54.

The average number of admissions in the previous five years was 109.

TABLE II.

Showing the case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 5 years	..	..	..	3	0	0.00
5—10 years	..	..	..	18	1	5.55
10—20 "	..	..	..	62	5	8.06
20—30 "	..	..	..	47	2	4.75
Over 30 "	..	..	..	44	9	20.45
Totals	..	..	..	174	17	9.77

TABLE III.

Showing the number of Typhoid Cases admitted in each month.

January	..	..	7	July	..	..	8
February	..	..	3	August	..	..	15
March	..	..	61	September	..	..	9
April	..	..	25	October	..	..	8
May	..	..	18	November	..	..	5
June	..	..	7	December	..	..	5
Total							171

DIPHTHERIA.

353 cases were admitted during the year, making with the 30 remaining from the previous year, 383 cases under treatment.

55 cases still remained in hospital at the end of the year.

328 cases were treated to a conclusion with 39 deaths, giving a case mortality of 11.58 per cent.

1 case died within 12 hours, 4 cases between 12 and 24 hours and 1 case between 24 and 48 hours of admission.

Of the 353 admissions 336 came from the city and 17 from outside the city boundary. In the previous year the admissions numbered 249.

The average number of admissions in the previous five years was 281.

TABLE IV.

Showing case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	4	2	50.00
1—2 "	..	..	..	10	4	40.00
2—5 "	..	..	..	144	16	11.11
5—10 "	..	..	..	102	11	10.78
10—20 "	..	..	..	46	5	10.87
20—30 "	..	..	..	16	0	0.00
Over 30 "	..	..	..	6	0	0.00
Totals	..	..	..	328	38	11.58

LARYNGEAL DIPHTHERIA.

18 cases required operative interference for laryngeal obstruction.

TABLE V.

Showing results in age periods in cases in which intubation of the
Larynx was performed.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	3	1	33.33
1— 2 years	..	..	..	5	3	60.00
2— 3 „	..	..	..	5	1	25.00
3— 4 „	..	..	..	2	0	0.00
4— 5 „	..	..	..	2	1	50.00
Over 5 „	..	..	..	1	0	0.00
Totals ..	..	..	..	18	6	33.33

There was one “return” case of Diphtheria—a return rate of 0.30 per cent.

PNEUMONIA.

1 case of Pneumonia was admitted, and recovered.

CEREBRO-SPINAL FEVER.

3 cases of Cerebro-Spinal Fever were admitted during the year. All recovered.

The number of admissions in the previous year was 2, and the average number of admissions in the previous five years was 5.

EPIDEMIC ENCEPHALITIS.

4 cases were admitted during the year.

1 died giving a case mortality of 25 per cent.

The 4 admissions came from the city. In the previous year 98 cases were admitted.

SCARLATINA.

1,712 cases were admitted during the year, making with the 284 cases remaining over from the previous year a total of 1,996 cases under treatment.

188 cases still remained in hospital at the end of the year, so that 1,808 cases were treated to a conclusion during the year.

46 of these ended fatally, giving a case mortality of 2.54 per cent.

Of the 1,712 admissions 127 came from outside the city boundary and 1,885 from the city.

In the previous year 1,705 cases were admitted.

The average number of admissions in the previous five years was 1,167.

During the last half of the year the new Anti-toxin for Scarlatina was employed in the treatment of these cases, at first, while supplies were limited, in the more severe cases only, later this method of treatment was adopted as a routine. The results have been exceedingly satisfactory. As the result of this new treatment I think we may look for a much lower case mortality, a marked reduction in the incidence of complications and a considerable reduction in the average duration of the isolation time.

TABLE VI.

Showing the case mortality in age periods.

Ages.				Cases.	Died.	Mortality per cent.
Under 1 year	..	..	..	7	1	14.28
1— 2 years	..	..	..	51	7	13.72
2— 5	..	..	..	469	12	2.58
5—10	..	..	..	741	16	2.16
10—20	..	..	..	381	5	1.31
20—30	..	..	..	111	3	2.70
Over 30	..	..	..	48	2	4.14
Totals	..	..	..	1808	46	2.54

Of the 46 deaths —none occurred within 12 hours of admission.

5	..	..	24	..	..
12	..	..	48	..	..

“ RETURN CASES.”

In 49 instances the return home of a patient from hospital was followed by other cases in the house, giving a return case rate of 2.86 per cent.

On the average these 49 cases had reached the 45th day from the onset of the disease when they were discharged.

OTHER DISEASES.

215 cases of “ Other Diseases ” were admitted during the year. These included cases admitted for observation and which did not develop any of the ordinary infectious diseases, and also members of the staff who became ill from causes other than infectious diseases and who were warded in the Isolation Pavilion for convenience of nursing.

13 cases remained from the previous year, and 15 remained at the end of this year, so that the number of cases treated to a conclusion was 213 ; of these 34 died, giving a case mortality of 15.96 per cent.

The causes of death in these 34 cases were :—Tubercular Meningitis 6, Pneumococcal Meningitis 3, Streptococcal Meningitis, 2, Measles 9, Laryngitis and Broncho-Pneumonia 4, Broncho-Pneumonia 2, Posterior Basic Meningitis 2, Cerebral Haemorrhage 1, Convulsions 1, Acute Laryngitis 1, Gastro-Enteritis, 1 Puerperal Septicaemia, 1, Ulceration of Larynx after Diphtheria 1.

INFECTIOUS DISEASES AMONGST THE STAFF.

- 1 Medical Officer and 3 Probationer Nurses contracted Scarlatina.
 1 Medical Officer, 3 Probationer Nurses and 1 Wardsmaid contracted
 Diphtheria.
 1 Probationer Nurse and 1 Sister contracted Typhoid.
 1 Probationer Nurses contracted Rubella.
 All made good recoveries.

STAFF.

The Staff at the end of the year consisted of :—

1 Medical Superintendent.	1 Foreman Gardener.
3 Resident Medical Officers.	5 Groundsmen.
1 Steward.	1 Matron.
1 Clerk.	1 Asst. Matron.
1 Storekeeper	1 Night Superintendent.
1 Engineer.	1 Night Superintendent (Joint).
2 General Mechanics.	1 Housekeeper.
3 Motor Drivers.	12 Ward Sisters.
1 Van Man.	43 Nurses.
3 Firemen.	1 Laundress.
2 Engine Men at Pumping Station.	1 Cook.
5 General Porters.	1 Seamstress.
1 Gate Porter.	13 Ward Maids.
1 Disinfector.	5 General Maids.
1 Night Porter.	3 Kitchen Maids.
	7 Laundry Maids.

Throughout the year the Staff have discharged their responsible duties very satisfactorily.

I am, Ladies and Gentlemen,

Your obedient Servant,

A. GARDNER ROBB,

Visiting Physician in Charge.

TABLE No. 24.
ARTICLES DISINFECTED AT DISINFECTING STATION, LAGANBANK ROAD.

CLOTHING.

	Slippers.	Boots.	Caps.	Coats.	Hats.	Vests.	Collars.	Pants.	Braces.	Ties	Stockings.	Socks.	Shirts.	Flannels.	Blouses.	Gowns.	Cloaks.	Dresses.	Rugs.	Bodices.	Corsets.	Petticoats.	Shawls.	Chemises.	Mantles.	Jackets.	Aprons.	Handkerchiefs.	Drawers.	Skirts.	Furs.	Belts.	Capes.	Other Articles.	Total.	
1925.																																				
Total for January	..	..	..	1	..	1	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" February	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" March	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" April	..	1	5	38	..	10	13	1	..	..	2	14	30	..	..	..	..	9	..	8	..	..	..	..	3	..	8	..	..	19	..	..	..	..	..	161
" May	..	3	10	10	49	10	..	5	..	18	28	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	279
" June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
" July	..	..	..	2	..	1	1	1	..	1	..	28	3	..	..	..	1	..	4	..	..	..	..	..	..	..	..	..	14	..	..	..	1	..	..	57
" August	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" September	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
" October..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" November	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" December	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Total	5	10	5	52	49	23	15	8	..	28	30	42	33	..	7	3	9	..	..	21	..	..	..	1	3	..	8	..	144	19	..	..	1	..	..	516

TABLE No. 24—Continued.

BEDDING.														SUNDRIES.											
	Bed Ticks.	Hair Mattresses.	Flock Mattresses.	Straw Mattresses.	Blankets, Double.	Blankets, Single.	Sheets.	Quilts.	Bolsters.	Bolster Slips.	Pillows.	Pillow Slips.	Valances.	Other Articles.	Cushions.	Curtains.	Towels.	Table Covers.	Toilet Covers.	Carpets.	Felt.	Bundles.	Other Articles.	Total.	Grand Total.
1925.																									
Totals for January	9	38	21	..	1	71	19	52	33	10	32	54	11	..	3	..	..	..	..	1	3	1	..	359	364
" February	6	50	35	5	2	84	36	66	35	18	118	30	..	..	..	..	..	..	..	..	..	1	..	486	488
" March	16	53	56	3	116	88	102	79	36	156	76	12	..	..	1	..	..	..	..	..	..	4	..	798	801
" April	16	62	22	1	..	150	37	62	54	19	141	32	..	..	1	..	14	..	..	2	..	10	..	623	784
" May	9	66	53	..	5	115	102	74	52	25	130	63	..	..	..	..	60	..	..	..	1	9	9	773	1052
" June	9	48	25	2	4	39	12	35	32	10	125	9	..	..	3	..	..	..	..	..	1	1	..	355	358
" July	3	44	16	2	..	63	34	33	30	12	92	32	..	..	..	..	16	2	..	..	..	6	..	385	442
" August	7	30	31	4	..	21	16	21	34	16	85	22	..	..	..	..	..	..	1	..	7	..	..	295	295
" September	3	42	35	16	..	52	28	39	44	20	112	27	..	..	..	..	..	..	..	..	..	11	..	429	431
" October	15	44	41	3	2	75	39	55	27	18	145	9	20	..	..	..	..	..	..	..	1	15	..	509	509
" November	1	57	34	4	..	105	61	67	58	30	141	39	2	..	3	..	..	..	..	..	..	7	..	609	609
" December	4	27	17	3	1	41	22	29	30	10	78	13	..	..	9	..	..	..	..	..	..	4	..	288	292
Total	98	561	386	43	131	904	508	612	465	344	1275	342	33	..	20	..	90	2	1	3	13	69	9	5909	6425

TABLE No. 23

VENEREAL DISEASES.

Work done at the Clinics and Laboratories during the Year ended the 31st March, 1926.

HOSPITALS, &c.	Number of Persons dealt with at the Out-Patient Clinic and found to be suffering from—				Total Number of attendances at Out-patient Clinics.	Number of persons who were treated as In-patients.	Aggregate number of In-patient days.	Wassermann Reactions.	Smears.
	Syphilis	Gonorrhoea	Soft Chancre	Not Suffering from V D.					
Royal Victoria Hospital ..	1,061	504	2	1,555	10,959	36	1,215	3,346	267
Mater Infirmerum Hospital ..	481	243	6	409	3,529	36	892	944	83
Union Hospital ..	—	—	—	—	—	274	14,211	—	—
Municipal Laboratory..	—	—	—	—	—	—	—	840	84
Laboratory at Queen's University ..	—	—	—	—	—	—	—	68	—
Total ..	1,542	747	8	1,964	14,488	346	16,318	5,198	434
New cases included above—									
Royal Victoria Hospital ..	360	269	2	1,553		31	1,026		
Mater Infirmerum Hospital ..	124	111	6	305		36	892		
Union Hospital ..	..	..	..	..		274	14,211		
Total ..	484	380	8	1858		341	16,129		

TABLE No. 25.

Shewing the number of Deaths registered as having been caused by Phthisis and Diseases of the Respiratory Organs ; also the Annual Rate of Mortality per 1,000 of the population during the twenty years, 1906-1925 :—

Year.			Population.	Phthisis.	Rate per 1,000.	Diseases of the Respiratory System.			Total Chest Affections.
						Pneumonia.	Others.	Total.	
1906	..	..	366,220	1,015	2.7	558	1,000	1,558	2,573
1907	..	..	370,163	926	2.5	696	1,137	1,833	2,759
1908	..	..	380,344	880	2.3	753	1,210	1,963	2,843
1909	..	..	386,576	811	2.1	705	1,130	1,835	2,646
1910	..	..	391,167	825	2.1	622	916	1,538	2,363
1911	..	..	386,449	802	2.1	468	788	1,256	2,058
1912	..	..	391,974	802	2.0	799	981	1,780	2,582
1913	..	..	396,000	844	2.1	665	868	1,533	2,377
1914	..	..	399,000	836	2.1	701	929	1,630	2,466
1915	..	..	403,000	813	2.0	738	929	1,667	2,480
1916	..	..	390,000	830	2.1	506	670	1,176	2,006
1917	..	..	393,000	932	2.4	614	825	1,439	2,371
1918	..	..	393,000	1,051	2.7	1,412	1,608	3,020	4,071
1919	..	..	401,000	853	2.1	712	1,104	1,816	2,669
1920	..	..	413,000	762	1.8	800	766	1,566	2,328
1921	..	..	420,000	677	1.6	511	520	1,031	1,708
1922	..	..	425,000	624	1.5	594	648	1,242	1,866
1923	..	..	429,000	571	1.3	564	573	1,137	1,708
1924	..	..	434,000	605	1.4	623	720	1,343	1,948
1925	..	..	438,000	575	1.3	517	646	1,163	1,738

INFANTILE MORTALITY.

1,069 deaths of children under one year old were registered during the year, equivalent to 104 deaths per 1,000 births, a decrease of 3 per 1,000, compared with the preceding year.

Of the total number registered 367 or 34.33 per cent. were due to congenital debility, 236, or 22.1 per cent. to bronchitis and pneumonia ; 179 or 16.7 per cent., to diarrhœal diseases ; 52 or 4.86 per cent., to convulsions ; 43 or 4.0 per cent., to whooping cough ; and 31 or 2.9 per cent. to measles. These were the principal causes of death.

NOTIFICATION OF BIRTHS ACT.

10,087 births, including 320 stillbirths and 276 illegitimate births, were notified during the year, pursuant to the Notification of Births Act ; 5,190 of these were males and 4,826 were females, and in 71 instances the sex was not stated.

Of the total number notified 9,255 were selected for visitation and supervision, and during the year 47,362 visits were made.

On visiting a house where a birth has taken place the Health Visitor makes enquiries regarding the family history, and with respect to the conditions obtaining in the home. She also makes an examination of the sanitary arrangements, and if any defect is discovered immediate remedial measures are taken.

She gives advice and instructions as to the care of infants and young children, the preparation of food and the storage of milk, butter, &c., and the precautions to be taken to prevent infectious disease.

For a period of twelve months the child is kept under special supervision and its progress recorded, and the mother is advised to attend the Child Welfare Centre in the district in which she resides. After this period there is a general supervision exercised by the Officers in the district, and if children are delicate or not thriving they are kept under supervision as long as is considered necessary.

MATERNITY AND CHILD WELFARE.

There were six Centres in operation during the year, situated at Donegall Road, Chamberlain Street, Danube Street, York Street, Shankill Road and Springfield Road. Each Centre was open one afternoon in the week, when a Medical Practitioner, a properly trained and qualified Nurse, and a Health Visitor, together with several voluntary workers, were in attendance.

The work of the Centres consists of a thorough medical examination of babies and medical advice as to their treatment where such is required. Each baby is weighed periodically, and the weight recorded in order to ascertain the progress being made and to assist in the discovery of defects or ailments at the earliest possible moment and thus prevent or check any disease which may impede its progress or have a detrimental effect upon its after life. Consultations are held with mothers with respect to their health, and they are advised and instructed in the care of infants and young children, and are supplied with instructive literature on the subject. Food, such as Virol and Glaxo, is supplied at cost price and free to cases where it is considered the circumstances warrant it. In addition to assisting in the regular work of the Centres, the ladies who assisted voluntarily throughout the year very kindly provided suitable clothing for babies at a nominal charge.

The following table shews the number of names on the roll of each Centre, and the total number of attendances during the year, also the number of babies medically examined and the total number of examinations :—

Centre.	On Roll.	Total No. of attendances.	Babies medically examined.	Total medical examinations of babies.
Donegall Road	569	4,303	260	317
Chamberlain Street	836	7,961	301	647
Danube Street	884	8,075	334	490
York Street	718	6,382	476	1,320
Shankill Road	570	5,981	403	511
Springfield Road	701	5,063	451	1060
	4,278	37,765	2,225	4,345

In 1924 the total number on the rolls was 3,883 and the total number of attendances 29,903. 2,239 babies were medically examined, the total number of such examinations being 4,362. From these figures it will be seen that there was a further increase in the number of persons availing themselves of the benefits of the Maternity and Child Welfare Scheme.

During the year 15,120 lbs. of Glaxo and 7,112 lbs. of Virol were distributed. This is an increase compared with the preceding year when 12,864 lbs. of Glaxo and 5,292 lbs. of Virol were supplied either at cost price or free to necessitous cases.

Orders for the delivery of 420 pints of Sweetmilk at the homes of very necessitous cases were issued, the cost to be defrayed out of the Municipal Milk Fund, which is a small fund supported by voluntary contributions.

Table shewing the Deaths of children under one year old per 1,000 births each year from 1881--1925.

Year.			Deaths per 1,000 Births.	Year.			Deaths per 1,000 Births.
1881	..	..	136	1904	..	..	154
1882	..	..	151	1905	..	..	136
1883	..	..	162	1906	..	..	144
1884	..	..	126	1907	..	..	136
1885	..	..	170	1908	..	..	147
1886	..	..	135	1909	..	..	139
1887	..	..	163	1910	..	..	143
1888	..	..	145	1911	..	..	128
1889	..	..	163	1912	..	..	129
1890	..	..	162	1913	..	..	144
1891	..	..	149	1914	..	..	143
1892	..	..	173	1915	..	..	137
1893	..	..	160	1916	..	..	113
1894	..	..	160	1917	..	..	130
1895	..	..	169	1918	..	..	144
1896	..	..	148	1919	..	..	113
1897	..	..	166	1920	..	..	132
1898	..	..	164	1921	..	..	115
1899	..	..	161	1922	..	..	94
1900	..	..	152	1923	..	..	101
1901	..	..	154	1924	..	..	107
1902	..	..	151	1925	..	..	104
1903	..	..	134				

MATERNITY AND

Statement of Net Expenditure incurred by the Belfast County Borough Council in connection
months ended

EXPENDITURE—MAIN SCHEME.										Amount		
										£	s	d.
1. Salaries or remuneration of—												
(a) Medical Officers										285	5	7
(b) Superintendent of Midwives										264	19	0
(c) Health Visitors										1,315	17	10
(d) Other Officers, if any—												
Miss Devlin, Emergency Nurse										190	12	0
(e) Any other expenditure—												
Uniform allowances, etc. Clothing										62	4	0
2. Centres, Creches, Day Nurseries												
(a) Rent										96	4	8
(b) Heating, Lighting, Cleaning										61	16	11
(c) Any other expenditure—												
Glass Jars												
Bottles										2	11	0
Hardware										5	16	6
3. Payments to Doctors or Midwives under Regulations Nos. 3 and 5												
4. Payments for drugs or other medical requisites—												
Drugs										2	8	0
5. Payments to Hospitals (or Lying-in Homes)—												
(a) In respect of mothers (Regulation No. 4)												
(b) In respect of children (Regulation No. 8)												
6. Payments to Convalescent Homes or other Institutions under Regulations Nos. 11 and 12,												
7. Contributions to other Voluntary Institutions or Agencies (Regulation No. 14)—												
Thorndale Babies' Home										300	0	0
Rescue and Maternity Home										300	0	0
St. Joseph's Babies' Home										100	0	0
Belfast Maternity Hospital										400	0	0
Maternity and Child Welfare Centre, Charlotte Street										50	0	0
8. Other items of expenditure—												
Advertising, printing and stationery										97	3	7
Deputation Expenses										15	0	0
Net Expenditure (carried forward)										3,549	19	1

CHILD WELFARE GRANT.

with the Approved Scheme for Maternity and Child Welfare carried out by them within the Twelve 31st December, 1925.

EXPENDITURE—PROVISION OF MILK AND FOOD.										Amount.		
										£	s	d
1. Cost of Milk—												
11,520 lbs. @ 1s. 7d. per lb.	..	..	..	..	..	..	..	..	..	1,092	0	0
2,400 „ 1s. 6d. „	..	..	..	..	..	..	..	..	..
2. Cost of food—												
Vinol—240 tins @ 32s. 6d per tin.						..	..	..	..	390	0	0
3. Other incidental expenditure												
Glass Jars	..	..	..	..	..	..	..	..	..	11	11	0
Total	..	..	..	..	..	..	..	..	..	1,493	11	0
RECEIPTS—												
(a) Glass Jars	..	..	..	..	..	..	..	..	..	12	1	10
(b) From sales of milk	..	..	..	..	..	..	..	..	..	1,140	6	2
(c) From sales of food	..	..	..	..	..	..	..	..	..	396	9	4
Total Receipts	..	..	..	..	..	..	..	..	..	1,548	17	4
NET RECEIPTS ON MILK AND FOOD	..	..	..	..	..	..	..	..	..	55	6	4
Net Expenditure on main scheme (brought forward from opposite page)	..	..	..	..	..	..	..	..	..	3,549	19	1
TOTAL NET EXPENDITURE	..	..	..	..	..	..	..	..	..	£3,494	12	9

I certify that the foregoing Expenditure has been incurred by the Belfast County Borough Council in carrying out their approved scheme for Maternity and Child Welfare, and that it is in accordance with the Regulations for the distribution of the Government Grant.

Signature R. G. GEALE,
Description City Treasurer.

Name and Address of Council's Treasurer, City Hall,
Belfast.

Date, 29th January, 1926.

NOTIFICATION OF BIRTHS ACT, 1925.

SUMMARY.

Cases investigated	..	..	..	..	..	..	..	..	..	..	9,255
„ visited a second time	..	..	..	..	..	..	..	..	..	..	7,273
„ „ third time	..	..	..	..	..	..	..	..	..	..	6,565
„ „ fourth time	..	..	..	..	..	..	..	..	..	..	6,066
„ „ fifth time	..	..	..	..	..	..	..	..	..	..	5,367
„ „ sixth time	..	..	..	..	..	..	..	..	..	..	4,652
„ „ seventh time	..	..	..	..	..	..	..	..	..	..	3,199
„ „ eighth time	..	..	..	..	..	..	..	..	..	..	2,313
„ „ ninth time	..	..	..	..	..	..	..	..	..	..	1,291
„ „ tenth time	..	..	..	..	..	..	..	..	..	..	613
„ „ eleventh time	..	..	..	..	..	..	..	..	..	..	339
„ „ twelfth time	..	..	..	..	..	..	..	..	..	..	197
„ „ thirteenth time	..	..	..	..	..	..	..	..	..	..	113
„ „ fourteenth time	..	..	..	..	..	..	..	..	..	..	46
„ „ fifteenth time	..	..	..	..	..	..	..	..	..	..	23
„ „ sixteenth time	..	..	..	..	..	..	..	..	..	..	19
„ „ seventeenth time		..	..	..	..	..	..	..	..	..	12
„ „ eighteenth time	..	..	..	..	..	..	..	..	..	..	8
„ „ nineteenth time	..	..	..	..	..	..	..	..	..	..	6
„ „ twentieth time	..	..	..	..	..	..	..	..	..	..	2
„ „ twenty-first time		..	..	..	..	..	..	..	..	..	1
„ „ twenty-second time		..	..	..	..	..	..	..	..	..	1
„ „ twenty-third time		..	..	..	..	..	..	..	..	..	1
											47,362

Number of visits re Infant Mortality	..	..	..	..	..	..	..	..	905
„ visits to Child Welfare Centres	..	..	..	..	..	..	..	..	832
„ visits to sick babies	..	..	..	..	..	..	..	..	1,417
„ visits to School children	..	..	..	..	..	..	..	..	105
„ visits re infectious disease	..	..	..	..	..	..	..	..	269
„ visits to expectant mothers	..	..	..	..	..	..	..	..	285
„ visits to nurses	..	..	..	..	..	..	..	..	32
„ visits to handy women	..	..	..	..	..	..	..	..	8
„ miscellaneous visits	..	..	..	..	..	..	..	..	1,720
„ visits to mothers	..	..	..	..	..	..	..	..	385
„ visits to children over 1 year	..	..	..	..	..	..	..	..	6,138

TABLE No. 28.

Shewing the number of Deaths of Infants under One Year old from Stated Causes in weeks and months notified to this Department during the year.

CAUSE OF DEATH.		Under 1 Week.		1-2 Weeks.		2-3 Weeks.		3-4 Weeks.		Total under 1 Month.		1-2 Months.		2-3 Months.		3-4 Months.		4-5 Months.		5-6 Months.		6-7 Months.		7-8 Months.		8-9 Months.		9-10 Months.		10-11 Months.		11-12 Months.		Total Deaths under One Year.		Grand Total.
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Common Infectious Diseases.	Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria : Croup ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrheal Diseases.	Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhoea, all forms ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteritis (not Tuberculous) ..	1	1	1	2	1	1	1	1	2	4	1	1	1	1	1	1	1	1	2	4	1	1	3	3	2	3	4	1	2	1	2	1	1	1	
	Gastritis, Gastro-intestinal ..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Catarrh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases.	Premature Birth ..	56	41	8	3	6	3	3	4	73	51	1	3	1	1	1	1
	Spina Bifida ..	1	3	2	1	1	2	1	..	4	6	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Congenital Defects ..	4	3	1	..	..	1	..	..	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Injury at Birth ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Want of Breast-milk ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases.	Atrophy, Debility, Marasmus ..	33	29	15	4	6	6	9	6	63	45	24	20	8	7	8	9	9	3	4	1	1	3	4	1	..	..	..	..	..	..	..	..	..	..
	Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Peritonitis : ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Tuberculous Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diseases.	Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syphilis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis (not Tuberculous) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	do. Cerebro-Spinal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes.	Convulsions ..	5	9	..	2	2	4	5	4	1	3	..	3	1	6	3	2	3	1	2	3	3	3	2	1	2	1	35	17
	Bronchitis ..	1	..	..	..	..	..	..	..	3	3	8	4	2	3	3	2	1	5	1	1	6	3	2	3	1	1	2	2	2	..	..	..	30	32
	Laryngitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
	Pneumonia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	78	174
	Suffocation, overlaying ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
Total	Other Causes ..	21	17	1	3	2	3	24	23	1	2	..	1	2	4	1	..	1	36	77
	Total ..	123	93	32	16	23	20	16	14	194	143	71	43	42	31	40	41	33	26	34	24	34	22	34	25	35	19	24	29	31	23	29	28	601	454	1055

TABLE No. 29.

ANALYSIS OF PARTICULARS RESPECTING BIRTHS NOTIFIED
DURING THE YEAR.

Centre No.	MOTHER.				FATHER.																			
	Whether employed during Pregnancy.				Average Weekly Wages.																			
	Period Employed.																							
	1 month.	2 months.	3 months.	4 months.	5 months.	6 months.	Over 6 months.	Under 20s.	20s. & under 25s.	25s. & under 30s.	30s. & under 35s.	35s. & under 40s.	40s. & under 45s.	45s. & under 50s.	50s. and over.									
1	757	737	19	14	738	729	38	22	32	19	4	2	6	31	11	18	49	65	76	35	83	83	24	179
2	613	636	48	45	637	660	24	21	44	25	—	3	6	15	10	41	179	1	—	5	203	173	119	250
3	1249	1090	25	27	1256	1102	18	15	47	26	2	16	30	34	16	17	196	51	162	208	123	67	4	4
4	763	735	28	16	764	733	27	18	32	22	1	9	14	12	36	65	129	19	43	23	62	11	18	671
5	591	590	19	11	597	587	13	14	18	19	—	5	14	22	9	12	54	11	48	123	111	191	22	152
6	653	565	13	11	655	562	11	14	16	20	—	2	11	25	13	14	103	2	3	3	3	152	9	153
Total	4626	4353	152	124	4647	4373	131	104	189	131	7	37	81	139	95	167	710	149	332	397	585	677	196	1409

MILK SUPPLY.

The number of cowsheds in the city at the end of the year was 97. This is a decrease of 11 from the previous year. The number of cows housed in registered cowsheds was 1,469, a decrease of 409. The reduction in the number of cowsheds during the year was due to various causes, but more particularly to the fact that some of the owners, through failing health, were unfit to carry on the business to the satisfaction of your officers, and also that they were financially unable to afford the expenditure which would have been required to put their premises into a satisfactory sanitary condition. This is a serious matter, owing to the loss of milk which would have been produced by the cows housed in the condemned byres.

During the past ten years the number of cowsheds has been reduced from 160 to 97, and the number of cows from 3,000 to 1,469, so that only a small proportion of the milk supply is now produced in the city, whereas formerly, at least one third was produced in the city. Your officers have no authority to inspect dairies outside the city, and as the contamination of milk is most liable to occur through carelessness in milking, dirty utensils and insanitary cowsheds, there is urgent need for legislation to empower the officers of the Corporation to inspect any dairy supplying milk in the city where a bacteriological examination of the milk shows that it is in an unsatisfactory condition as regards cleanliness.

During the year 846 samples of milk were obtained for bacteriological examination, 416 of these were samples of fresh milk, the remaining samples were submitted to the biological test for Tuberculosis and samples from suspected cows.

299 samples of fresh milk were specially examined for Tuberculosis and 17 of these (5·7 per cent.) were found to be infected.

The following table shows a comparison of the milk found tuberculous in Belfast as compared with that of a number of large English cities.

		Samples Taken.	Samples Tuberculous	Per cent. Tuberculous.
London County 1924	..	2400	.. 121	.. 5.0
London City 1924	..	39	.. 5	.. 12.8
Birmingham 1924	..	303	.. 26	.. 8.6
Manchester 1924	..	590	.. 48	.. 8.1
Liverpool 1924	..	781	.. 79	.. 10.1
Belfast, 1924	.. ..	125	.. 5	.. 4.0
Do. 1925	.. ..	299	.. 17	.. 5.7

On receiving information from the city Bacteriologist that a sample of milk has been found to be infected with Tubercle, steps are at once taken to prohibit the sale of milk from the affected farm until the dairy herd has been examined by the Veterinary Inspector of the district and the source of infection has been traced.

Further samples are afterwards taken to make sure that the milk is free from infection and that the source of the original infection has not been missed.

In the 17 cases where the samples were found to be Tuberculous, 2 were from milk produced inside the city boundary and the source of the infection was successfully traced to cows affected with disease of the udder. The affected cows were slaughtered. The remaining 15 samples found tuberculous were from milk produced outside the City. In 12 it was reported that the source of the infection had been traced to cows affected with Tuberculosis which were slaughtered. In

one case the dairy herd consisted of 7 cows, all of which were slaughtered. In 3 instances the source was not traced, because the milk had been mixed from several farms and the Veterinary Inspector was not able to locate the source of infection.

At one of these farms a cow had been sold and when slaughtered was found to be affected with tuberculosis of the lungs.

At a farm where the farmer has all his dairy herd tested with Tuberculin, it was found that a sample of milk taken on 24th November was found to be infected with tubercle. On investigation it was found that six cows had been purchased on 21st November. The Veterinary Surgeon was asked to test the recently purchased cows and he did so on 25th, when he found that a cow reacted to the test and was removed from the herd. The milk from this cow had been mixed with the common milk supply on the 24th, the day on which the sample was taken for examination. That this cow was the cause of the infection was proved by the fact that subsequent samples showed that the milk was free from Tubercle. This case shows the value of Tuberculin testing in obtaining a tubercle free milk.

During the year notices were received with respect to 37 bovine animals which were suspected to be suffering from tuberculosis. On receipt of the notices the Veterinary Inspector under the Diseases of Animals Acts for the County Borough examined the animals together with all other bovine animals on the premises where the suspected animals were housed. The total number examined was 464. Of these 407 were cows in milk ; 51 were other cows or heifers, and 6 other bovine animals. In order to assist in the diagnosis the Inspector applied the tuberculin test and microscopically examined samples of milk from the suspected animals. 19 reacted to the tuberculin test, and tubercle bacilli were found in the milk of 4. 17 animals were slaughtered and compensation amounting to £51 15s. paid to the owners. Of the 17 slaughtered, 4 were found to have been affected with tuberculosis of the udder ; 4 had been giving tuberculous milk ; 8 had been affected with tuberculosis emaciation, and 3 were otherwise affected. 13 of these were cows in milk and 4 were other cows or heifers.

MILKSHOPS—

On Register 1st January	1,545
New Registrations effected during the year	380
Removed from Register during the year	422
Number of Visits made during the year	5,083
Special instructions with a view to the discovery of unregistered persons selling milk	348
Special inspections of Purveyors Carts	758
Number of persons prohibited from selling milk owing to the unsuitability of their premises, &c.	3
Number of requests for registration refused	15
*Number of unregistered persons discovered selling milk	128
Number of new vessels provided by vendors for the storage, etc., of milk	410
Verbal notices given	183
Summonses issued	3
Fines amounting to £1 and costs were inflicted.	

*In the majority of instances where unregistered persons were found selling milk ignorance of the law was pleaded. If the premises were suitable the offenders had their names placed on the register and if unsuitable they immediately ceased selling milk.

Returns shewing the number of Milkshops and the Inspections made in each of the several Dispensary Districts.

DISPENSARY DISTRICTS..

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Milkshops ..	63	182	193	124	69	126	7	11	98	112	137	116	69	..	116	80	1,503
Inspections ..	284	535	640	554	248	411	28	15	218	256	657	368	197	..	402	270	5,083

COWSHEDS—

Number on Register	97
Number of cows housed therein	1,469

All the cowsheds were regularly inspected during the year, and were generally found to be kept in satisfactory sanitary condition.

Four summonses for breaches of the Dairies, Cowsheds and Milkshops (Ireland) Order, 1908, were issued during the year, and fines amounting to £3 15s. were inflicted.

Return shewing the number of Cow-keepers in each Dispensary District and the number of cows; also the number of new cowsheds erected and the number of cowsheds in which structural alterations were carried out.

Dispensary Districts.				Total Number of			Cowsheds in which Structural Alterations were carried out.
				Cowkeepers.	Cows.	New Cowsheds erected.	
No. 1	..	..	..	..	..	..	..
„ 2	..	..	..	2	10	..	..
„ 3	..	..	..	4	83	..	..
„ 4	..	..	..	12	128	..	..
„ 5	..	..	..	1	6	..	..
„ 6	..	..	..	7	63	..	..
„ 7	..	..	..	6	74	..	..
„ 8	..	..	..	15	174	..	1
„ 9	..	..	..	10	158	..	2
„ 10	..	..	..	16	311	..	1
„ 11	..	..	..	10	203	..	1
„ 12	..	..	..	1	6	..	..
„ 13	..	..	..	10	216	..	1
„ 14	..	..	..	..	..	..	..
„ 15	..	..	..	3	37	..	..
„ 16	..	..	..	..	..	..	..
				97	1,469	..	6

SALE OF FOOD AND DRUGS ACT.

TABLE No. 30.

Shewing particulars of samples taken for analysis during the year :—

Nature of Article.	Samples Taken.	Adulterations	Prosecutions.	Convictions.	Dismissals.	Withdrawals.	Pending	Fines.		
								£	s	d
Baking Powder	5	..	..	..	..	..	..
Baking Soda	2	..	..	..	..	..	..
Barley	2	..	..	..	..	..	..
Bisto	1	..	..	..	..	..	..
Brawn	6	2	..	..	..	..	..
Butter	179	16	13	11	2	..	..	49	0	0
Buttermilk	344	50	41	38	2	1	..	59	15	0
Calves Foot Jelly	1	..	..	..	..	..	..
Cheese	8	..	..	..	..	..	..
Cocoa	8	..	..	..	..	..	..
Coffee	1	..	..	..	..	..	..
Coffee and Chicory	4	..	..	..	..	..	..
Condensed Milk	10	2	..	..	..	..	..
Confectionery	1	..	..	..	..	..	..
Corned Beef	2	..	..	..	..	..	..
Cream	7	..	..	..	..	..	..
Cream Custard	1	..	..	..	..	..	..
Cream of Tartar	7	2	..	..	..	..	..
Custard Powder	1	..	..	..	..	..	..
Dripping	56	..	..	..	..	..	..
Farola	2	..	..	..	..	..	..
Flour	1	..	..	..	..	..	..
Flour (self raising)	1	..	..	..	..	..	..
Jam	4	..	..	..	..	..	..
Lard	30	1	1	1	..	..	..	3	0	0
Lard compound	3	..	..	..	..	..	..
Lentils	2	..	..	..	..	..	..
Lunch Tongue	1	..	..	..	..	..	..
Margarine	31	..	..	..	..	..	..
Milk Powder	1	..	..	..	..	..	..
Mustard	3	..	..	..	..	..	..
Nusu	1	..	..	..	..	..	..
Pepper	3	..	..	..	..	..	..
Pickles	1	..	..	..	..	..	..
Powder (self raising)	1	..	..	..	..	..	..
Relish	1	..	..	..	..	..	..
Relish (Indian)	1	..	..	..	..	..	..
Rice	3	..	..	..	..	..	..
Rum	5	1	..	..	..	..	..
Sauce	6	..	..	..	..	..	..
Sauce (Tomato)	1	..	..	..	..	..	..
Sausages (Beef)	9	4	2	2	..	..	..			Ordered to pay costs
Sausages (Pork)	9	7	..	..	..	..	..
Sausage Roll	3	1	..	..	..	..	..
Sugar	1	..	..	..	..	..	..
Sweetmilk	1189	137	69	43	24	2	..	102	15	0
Syrup	3	..	..	..	..	..	..
Tapioca	1	..	..	..	..	..	..
Vinegar	3	1	..	..	..	..	..
Whiskey	13	2	1	1	..	..	..	2	0	0
Carbonate of Magnesia	1	..	..	..	..	..	..
Cascara	2	..	..	..	..	..	..
Castor Oil	1	..	..	..	..	..	..
Citrate of Magnesia	1	..	..	..	..	..	..
Extract of Malt and Cod Liver Oil	2	..	..	..	..	..	..
Flax Seed (crushed)	1	..	..	..	..	..	..
Ginger	1	..	..	..	..	..	..
Glycerine	2	..	..	..	..	..	..
Gregory's Powder	1	..	..	..	..	..	..
Mercurial Ointment	1	..	..	..	..	..	..
Sulphur	1	..	..	..	..	..	..
Sweet Spirits of Nitre	2	1	..	..	..	..	..
Tincture of Iodine	2	..	..	..	..	..	..
Tincture of Quinine	2	..	..	..	..	..	..
	1999	227	127	96	28	3	..	216	10	0

TABLE No. 31.

Return shewing particulars of samples of Sweetmilk taken for Analysis during the year.

Month.	No. of samples taken.	Average percentage.		Highest percentage of Fats with the percentage of Solids (not Fats).		Highest percentage of Solids (not Fats) with the percentage of Fats.		Lowest percentage of Fats with the percentage of Solids (not Fats).		Lowest percentage of Solids (not Fats) with the percentage of Fats.	
		Fats.	Solids (not Fats).	Fats.	Solids (not Fats).	Solids (not Fats).	Fats.	Fats.	Solids (not Fats).	Solids (not Fats).	Fats.
January	134	3.57	8.79	7.35	9.19	9.37	4.30	1.68	8.88	7.93	3.73
February	93	3.51	8.78	5.60	8.82	9.32	4.10	2.28	9.10	7.72	3.08
March	95	3.56	8.80	6.40	8.84	9.42	4.08	2.65	8.72	7.72	3.60
April	87	3.51	8.75	5.50	8.85	9.45	4.27	2.79	8.15	8.12	3.00
May	87	3.21	8.68	4.50	8.30	9.27	2.63	2.38	8.82	7.86	2.94
June	108	3.13	8.73	5.25	8.95	9.20	2.04	2.04	9.20	7.67	3.24
July	96	3.17	8.68	5.20	9.37	9.37	5.20	1.77	8.09	7.43	2.55
August	63	3.30	8.57	4.60	8.13	9.02	3.10	2.55	8.58	7.97	3.99
September	108	3.43	8.71	4.45	9.08	9.29	4.10	2.72	8.84	8.13	3.30
October	100	3.59	8.71	5.90	8.38	9.32	4.50	2.82	8.23	8.10	3.70
November	120	3.66	8.70	4.70	9.03	9.38	4.40	2.52	5.76	5.76	2.52
December	98	3.73	8.80	6.70	7.98	9.28	4.00	2.70	8.02	7.96	3.08
	1,189										

Return shewing the visits to shops or other premises where food is prepared, stored or sold :—

Description of Premises.	No. of Visits.
Butchers' Shops	2,519
Confectionery Shops	501
Dairies	140
Fish Shops	284
Fish and Chips Shops	237
Fruit Shops	836
Grocery Shops	2,307
Ice Cream Shops	501
Jam Works	—
Markets	161
Provision Shops and Stores	829
Railway Stations	701
Restaurants	59
Hawkers' Carts and Baskets	297

Total 9,372

FOOD SEIZED, CONDEMNED, AND DESTROYED AS UNFIT FOR THE FOOD OF MAN.

1 carcase of a Cow.	7 barrels Fish.
2 quarters of Beef.	2 boxes Fish.
1 box of Beef.	8 head of Fowl.
15 carcases of Pigs.	24 boxes of Tomatoes.
6 Hams.	60 crates of Lettuce.
14 lbs. Pork Fillets.	30 boxes of Peaches.
6 cwt. Pickled Meat.	

PATHOLOGICAL LABORATORY.

30th June, 1926.

Sir,

I herewith beg to present tables giving the details of my work for the year 1926.

TOTAL NUMBER OF EXAMINATIONS.

Swabs for Diphtheria	..	..	..	157
Widal Reactions	..	..	..	4
Sputa for Tubercle Bacilli	..	..	..	33
Wassermann	..	..	..	68
Urine	..	..	..	100
Tumours (with Dr. Graham)	..	..	..	41
Miscellaneous	..	..	..	54
				<hr/> 457

I am, Sir,

Your obedient Servant,

WM. ST. C. SYMMERS.

Dr. H. W. Bailie.

SWABS FOR DIPHTHERIA.

				Positive.	Negative.	Doctors.	Hospitals.	Total.
January	..	..	..	2	11	11	2	13
February	..	..	..	2	8	5	5	10
March	..	..	..	..	8	4	4	8
April	..	..	..	1	9	9	1	10
May	..	..	..	2	7	7	2	9
June	..	..	..	4	7	8	3	11
July	..	..	..	5	12	7	10	17
August	..	..	..	6	11	1	16	17
September	..	..	..	3	18	6	15	21
October	..	..	..	1	11	5	7	12
November	..	..	..	..	8	4	4	8
December	..	..	..	3	18	15	6	21
				29	128	82	75	157

WIDALS.

Agglutination test for typhoid group.

				Positive.			Negative.	Hospitals.	Doctors.	Total.
				T.	A.	B.				
January	..	..	..	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..	..	..	..
March	..	..	1	..	..	..	..	..	1	1
April	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	2	2	..	2
June	..	..	..	..	..	..	..	..	..	..
July	..	..	1	..	..	..	..	..	1	1
August	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..	..	..
October	..	..	..	..	..	..	..	..	..	..
November	..	..	..	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..	..	..	..
				2	..	..	2	2	2	4

T—Bacillus typhosus. A—Bacillus paratyphosus A. B—Bacillus paratyphosus B.

SPUTA EXAMINED FOR BACILLUS TUBERCULOSIS.

				Positive.	Negative.	Hospitals.	Doctors.	Total.
January	..	..	..	..	3	..	3	3
February	..	..	..	..	6	..	6	6
March ..	..	..	..	2	..	..	2	2
April ..	..	..	..	1	4	..	5	5
May ..	..	..	..	2	3	..	5	5
June ..	..	..	..	1	2	..	3	3
July ..	..	..	..	..	1	..	1	1
August	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
October	..	..	..	..	2	..	2	2
November	..	..	..	1	1	..	2	2
December	..	..	..	2	2	..	4	4
				9	24	..	33	33

WASSERMANN REACTIONS.

(Harrison's method).

				Positive.	Negative.	Doctors.	Hospitals.	Total.
January	..	..	..	..	7	4	3	7
February	..	..	..	4	4	2	6	8
March ..	..	..	..	1	2	1	2	3
April ..	..	..	..	1	2	1	2	3
May ..	..	..	..	7	13	17	3	20
June ..	..	..	..	..	..	..	..	..
July ..	..	..	..	..	..	..	..	..
August	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
October	..	..	..	1	2	3	..	3
November	..	..	..	1	11	12	..	12
December	..	..	..	2	10	9	3	12
				17	51	49	19	68

URINES.

		Tubercle Bacilli.		Staphylococcus.	Streptococcus and Enterococcus.	B. Coli.	Other organisms and mixed Cultures.	Sterile.	Chemical and other Examinations.	Hospitals.	Doctors.
		Pos.	Neg.								
January	..	..	1	1	..	1	1	0	1	..	5
February	..	..	..	..	..	2	..	2	2	..	6
March ..	..	..	..	2	..	..	..	7	1	..	10
April ..	..	..	..	..	..	2	..	0	1	..	3
May ..	..	1	..	2	..	3	2	10	1	3	16
June ..	..	1	1	1	..	1	..	5	6	1	14
July ..	..	..	1	..	1	2	..	3	2	4	5
August ..	..	..	..	1	..	..	..	0	1	1	1
September	..	..	2	..	..	2	..	4	3	3	8
October ..	..	..	..	1	..	..	..	2	4	3	4
November	..	..	1	..	..	..	..	1	1	..	3
December	..	..	..	1	..	2	..	3	4	1	9
		2	6	9	1	15	3	37	27	16	84

Total, 100.

TUMOURS.

Date.	Nature of Specimen.	Report.
5th January.	Uterine Scrapings.	Malignant.
21st January.	Uterine Scrapings.	Not Malignant.
23rd January.	Uterine Scrapings and piece of cervix.	Not Malignant.
6th March.	Uterine Scrapings.	Probably Sarcoma. ? ? Gumma.
19th March.	Uterine Scrapings.	Malignant.
6th April.	Uterine Scrapings.	Suspicious, probably non Malignant.
16th April.	Ovarian Cyst.	Indefinite.
16th April.	Gland from Groin.	Large round celled Sarcoma.
16th April.	Ovarian Cyst.	Malignant.
16th April.	Uterus.	Myomatous Thickening.
16th April.	Scrapings.	Non-Malignant.
23rd April.	Uterine Scrapings.	Non-Malignant.
6th May.	Breast.	Cancer.
6th May.	Uterine Polypus.	Adenomatous.
26th May.	Naevus.	Very Suspicious of Malignancy.
26th May.	Tumour from Umbelicus.	Fibrous Tissue.
29th May.	Vaginal Ulcer.	Not Malignant.
29th May.	Breast.	Scirrhus Cancer.
3rd June.	Uterine Scrapings.	Malignant.
5th June.	Small Piece from Cervix.	Non-Malignant.
17th June.	Intrauterine Polypus.	Non-Malignant.
1st July.	Naevus.	Cellular Sarcomatous-like Mass.
20th July.	Piece of Tissue Passed per rectum.	Polypus.
8th August.	Uterine Scrapings.	Non-Malignant.
27th August.	Breast.	Malignant (Cancer).
4th September.	Uterine Scrapings.	Malignant.
8th September.	Tumour from Angle of Eye.	Sebaceous Cyst
8th September.	Growth from Breast.	Wart.
10th September.	Growth from Neck.	Wart.
22nd September.	Uterine Scrapings.	Not Malignant (pieces too small)
23rd September.	Uterine Tumour.	Fibroid.
23rd September.	Ulcerated Piece of Bowel.	Probably Inflammatory.
28th September.	Breast.	Medullary Cancer.
28th September.	Glands.	Not Affected.
21st October.	Uterine Scrapings.	Not Malignant.
23rd October.	Uterine Scrapings.	Not Malignant.
1st November.	Uterus.	Malignant.
6th November.	Uterine Scrapings.	Not Malignant.
2nd December.	Uterine Scrapings.	Tiny pieces, mostly blood, but some very suspicious cells.
22nd December.	Uterus with Degenerated Fibroid.	Not Malignant.
22nd December.	Cervix.	Not Malignant.

Total 41.

OTHER MISCELLANEOUS EXAMINATIONS.

[illegible]

CITY BACTERIOLOGICAL LABORATORY,

225, ALBERTBRIDGE ROAD,

BELFAST.

The following is a summary of the Pathological and Bacteriological work carried out for the year ending 31st December, 1925 :—

During this period the number of specimens submitted for examination was 7,512.

The number of specimens examined during the previous year was 5,967.

The specimens may be grouped as follows :—

INFECTIOUS DISEASES.									
DIPHTHERIA,	Throat swabs	2,713							
	Nasal swabs	104							
	Direct examinations ..	143							
	Swabs from Contacts ..	55							
	Virulence tests	24						3039	
	Vincent's Angina							9	
ENTERIC GROUP—									
	Agglutination tests.. ..	313							
	Faeces, Urine and Blood Cultures	53						366	
CEREBRO-SPINAL FEVER—									
	C.S. Fluids for Meningococci	9							
	do. Pneumococci								
	Streptococci, etc.	13						22	
TUBERCULOSIS—									
	Sputum	485							
	Pus	15							
	Urine	69							
	Pleural Fluids	20							
	C. S. Fluids	34							
	Faeces	16							
	Lymphatic Glands	8							
	Blood	1						648	
SCARLATINA—									
	Swabs from Throat							4	
INFLUENZA—									
	Swabs from Throat							3	
MALARIA—									
	Blood Films.. ..							6	
VENEREAL DISEASES.									
	Wassermann Tests	840							
	Microscopic	84						924	
RINGWORM.									
	Hairs for Spores							207	
PATHOLOGICAL SPECIMENS.									
	Tumours, etc.							41	
MILK EXAMINATIONS.									
	Fresh Milk	416							
	Pasteurised	12							
	Special Examinations for Tubercle Bacillus	418							
	Milk Deposits	1						847	
WATER AND FOOD STUFFS.									
	Water	4							
	Ice Cream	93							
	Tinned Fish	1						98	
RATS.									
	Mus Norvegicus							3	
VACCINES.									
	Autogenous	128							
	Tuberculin	17							
								145	
UNCLASSIFIED EXAMINATIONS	.. ..							1150	
Total								7512	

TABLE I.

SWABS EXAMINED FOR DIPHTHERIA.

Month.	Throat Swabs.	Pos.	Neg.	Nasal Swabs.	Pos.	Neg.	Doctors	Hospitals	Total
January	231	53	178	7	4	3	60	178	238
February	227	50	177	6	3	3	54	179	233
March	187	42	145	1	0	1	51	137	188
April	187	38	149	1	0	1	48	140	188
May	158	42	116	5	0	5	41	122	163
June	187	45	142	1	1	0	33	155	188
July	147	40	107	13	4	9	21	139	160
August	194	68	126	18	4	14	38	174	212
September	270	67	203	21	5	16	51	240	291
October	245	48	197	2	1	1	52	195	247
November	242	51	191	16	5	11	54	204	258
December	334	75	259	13	5	8	76	271	347
Total	2609	619	1990	104	32	72	579	2134	2713

143 Swabs were submitted to a direct examination.

Swabs from Diphtheria Contacts—55 swabs were submitted for examination, none of these showed a positive result. 46 of these specimens were submitted from School Medical Services.

Vincent's Angina—9 swabs from suspect cases of this disease were examined.

TABLE II.

BLOOD FROM SUSPECTED ENTERIC GROUP INFECTION.

Each specimen submitted was examined by the Macroscopic Method to determine the presence of Agglutinins for B. Typhosus, B. Para-typhoid A., and B. Para-typhoid B.

Month.	Positive.			Negative.			Doctors	Hospitals	Total.
	T.	A.	B.	T.	A.	B.			
January	3	0	1	7	11	10	2	9	11
February	16	0	1	15	32	31	2	30	32
March	28	0	2	25	55	53	26	29	55
April	19	0	2	22	43	41	14	29	43
May	7	0	0	10	17	17	5	12	17
June	7	0	3	4	14	11	2	12	14
July	6	0	6	9	21	15	8	13	21
August	5	0	5	12	22	17	15	7	22
September	11	0	8	26	45	37	12	33	45
October	5	1	2	13	20	19	9	12	21
November	4	1	5	4	13	9	5	9	14
December	8	0	1	9	18	17	6	12	18
Total	119	2	36	156	311	277	106	207	313

TABLE III.
Examination of Cerebro-Spinal Fluids.

Month.	Tubercle Bacilli.		Meningo-coccus.		Pneumococcus.		Streptococcus.		Total.
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
January ..	2	8	4	1	2	0	0	0	17
February ..	0	3	0	0	1	0	3	0	7
March ..	0	1	0	0	2	0	0	0	3
April ..	3	1	1	2	0	0	0	0	7
May ..	0	2	0	0	0	0	0	0	2
June ..	0	3	0	0	0	0	0	0	3
July..	0	2	0	0	2	0	0	0	4
August ..	0	1	0	1	1	0	0	0	3
September ..	0	3	0	0	0	0	0	0	3
October ..	1	3	0	0	0	0	0	0	4
November ..	0	1	0	0	0	0	0	0	1
December ..	0	0	0	0	0	0	0	0	0
Total ..	6	28	5	4	8	0	3	0	54

A cell count was carried out on 13 of these specimens.

In addition to these tests, two specimens were examined with a view to confirm a diagnosis of Tetanus.

All of these examinations were carried out for Hospitals.

TUBERCULOSIS.

TABLE IV.

Sputum from suspected cases of Tuberculosis.

Sent by	Positive.	Negative.	Total.
City Hospitals	26	98	124
Private Practitioners within the City ..	80	281	361
Total	106	379	485

EXAMINATIONS OF HAIRS FOR RINGWORM.

207 specimens were submitted for examination. 70 of these specimens showed a positive result. Of this number 204 were submitted by the School Medical Services.

PATHOLOGICAL SPECIMENS.

These consisted of Tumours, etc., and were submitted by various Hospitals and the City Veterinarian. A large number of these were referred to the Consulting Pathologist (Professor Symmers) for his investigation and report.

EXAMINATIONS CARRIED OUT UNDER THE VENEREAL DISEASES SCHEME.

The number of specimens submitted for examination during the year was 924.

SOURCE OF SPECIMENS.

County Borough of Belfast	909
Do. Antrim	6
Do. Down	6
Do. Londonderry	3
Total	924

260 of these specimens were submitted for examination by Private Practitioners in the City, the remaining specimens (664) were submitted by Clinics, Hospitals, etc.

The specimens examined consisted of:—

Detection of Spirochaetes	0
Detection of Conococci	84
Wassermann Reaction Blood	834
do. C. S. F.	6

WASSERMANN TEST.
(Method M. R. C. No. 1).

	No. of Tests.	No. Positive.	No. Negative.
Stage of Syphilis indicated by Clinical Report :—			
Primary	8	3	5
Secondary—			
Untreated	34	20	14
Treated	25	12	13
Tertiary	96	48	48
Latent—			
Untreated	388	87	301
Treated	146	67	79
Congenital	113	34	79
Particulars not stated	24	7	17
Total	834	278	556

In 67 of these cases, specimens were taken from Patients, who were sent to the Laboratory by Private Practitioners, etc.

Of 6 Cerebro-Spinal Fluids submitted for examination, 2 gave a positive result.

BACTERIOLOGICAL EXAMINATIONS OF MILK FOR THE YEAR 1925.

During the year 846 bacteriological examinations were carried out.

416 of these samples were fresh milk.

12 of these samples were Pasteurised.

418 of these samples were specially examined for Tubercle Bacilli.

Table I. shows the number and classification of examinations per month.

	Fresh Milk.	Pasteurised Milk.	Specially examined for Tubercle Bacilli.	Total.
January	5	1	16	22
February	8	0	16	24
March	40	2	26	68
April	41	0	34	75
May	31	1	21	53
June	45	3	44	92
July	52	2	39	93
August	22	2	24	48
September	40	0	39	79
October	60	0	65	125
November	44	1	49	94
December	28	0	45	73
Total	416	12	418	846

Table II. shows source of samples of Fresh Milk examined.

	Street.	Shop or Milkshop.	Railway Termini.	Other Sources.	Total.
January	2	3	0	0	5
February	0	8	0	0	8
March	19	20	0	1	40
April	29	3	9	0	41
May	23	8	0	0	31
June	35	2	4	4	45
July	33	9	8	2	52
August	18	4	0	0	22
September	35	1	0	4	40
October	42	0	18	0	60
November	37	0	7	0	44
December	28	0	0	0	28
Total	301	58	46	11	416

RESULTS OF EXAMINATIONS.

Of this number (416) of fresh Samples of Milk, 186 contained *Bacillus Coli* in one-hundredth of a cubic centimetre (44%).

In 11 samples, or 2%, *Bacillus Coli* was entirely absent in 1 c.c.

84 samples, or 20%, showed *Bacillus Coli* in one-thousandth of a cubic centimetre.

322 samples, or 77%, showed less than 200,000 organisms per c.c.

In 94 samples, or 22%, this figure was exceeded.

416 samples examined for the presence of *Bacillus Enteritidis Sporogenes*—a contamination from dust or manure—showed this organism present in 95, or 22%.

PASTEURISED MILK.

Of 12 samples examined, 5 (41%) contained no *Bacillus Coli* in one-tenth of a cubic centimetre.

The technique used in these examinations was that recommended by the Ministry of Health for Graded Milk (January, 1923).

SPECIAL EXAMINATIONS OF MILK FOR TUBERCLE BACILLI.

344 samples of Fresh Milk were examined.

The results of examination in 45 of these samples was considered unsatisfactory. Of the remaining samples (299), the presence of Tubercle Bacilli was demonstrated in seventeen (5.7%).

32 samples were from cows affected with Mastitis or induration of the udder. Two of these showed a positive result.

42 samples were from emaciated cows. Two of these showed a positive result.

MILK, SEDIMENTS.

One sample was sent from a dairy in the City. This showed positive result.

MISCELLANEOUS EXAMINATIONS.

Urine Examinations	243
Pleural and other Fluids	12
Pus and Discharges	117
Disinfectants	1
Blood Counts	6
Blood Cultures	12
Enteric and Dysentery Group Agglutination Tests	625
Faeces for Animal Parasites	4
Autopsies, Laboratory Animals	130
	<hr/>
	1150

I am, Ladies and Gentlemen,

Your obedient Servant,

N. C. GRAHAM,

City Bacteriologist.

MEAT INSPECTION.

The following is a summary of the work carried out under the supervision of the City Veterinarian (Capt. J. McClure Barry, M.R.C.V.S.).

Table showing the number and kind of animals slaughtered and inspected in the Public Abattoir during the year (1st April, 1925—31st March, 1926), also the number of carcasses condemned (from all causes) as being unfit for human consumption :—

(The figures for the preceding year are given for comparison.)

TABLE I.

SPECIES.	Number Slaughtered.		Number Condemned.	
	1925-26.	1924-25.	1925-26.	1924-25.
Cows	19,808	18,841	365	430
Heifers	896	994	7	6
Bullocks	17,692	18,532	8	25
Bulls	1,164	1,265	1	4
Calves	1,502	2,920	20	50
Sheep and Lambs	63,638	70,343	172	321
Goats	1,144	843	16	7
Pigs	5,263	16,369	51	73

The following table shows the carcasses of animals seized in the Municipal Abattoir during the year and totally destroyed as being unfit for human food.

TABLE II.

Return showing the Carcasses of Animals seized in the Municipal Abattoir during the year and totally destroyed as being unfit for food.

	CATTLE.					Sheep and Lambs.	Goats.	Pigs.	Total.
	Cows.	Heifers	Bulls	Bull'ks	Calves				
Decomposed.. ..	1	..	..	1	1	23	2	4	32
Dropsical	22	..	..	..	2	104	13	3	144
Emaciated	22	..	..	..	2	19	..	3	46
Enteritis .. ..	..	..	..	..	1	..	..	..	1
Fevered	19	..	..	..	1	4	..	21	45
Gangrene	1	..	..	..	..	..	..	..	1
Inflammation .. ..	..	..	..	1	4	1	..	1	7
Injured	3	..	..	1	1	9	..	..	14
Joint Ill .. ..	..	..	..	..	2	..	..	..	2
Neoplasms	29	..	..	..	..	2	..	..	31
Osteo-Malacia .. ..	..	..	..	1	..	..	..	..	1
Peritonitis .. ..	..	..	..	1	..	5	..	..	6
Pneumonia	1	..	..	..	..	..	..	..	1
Red-Water	1	..	..	..	..	..	..	..	1
Septicæmia	17	1	1	..	2	4	..	3	28
Septic Pericarditis	1	..	..	..	..	..	..	..	1
Septic Nephritis .. ..	..	..	..	..	..	..	1	..	1
Septic Pneumonia .. ..	..	..	..	..	1	..	..	..	1
Tuberculosis.. ..	248	6	..	3	..	..	..	16	273
Other Conditions .. ..	..	..	..	..	3	1	..	..	4
Total	365	7	1	8	20	172	16	51	640

Under Neoplasms are included Carcinoma, Sarcoma, etc.

TABLE 3.

Showing comparison between Tuberculosis and Other Diseases as causes of condemnation of carcasses of animals slaughtered in the Municipal Abattoir during the year.

		CATTLE			Sheep and Lambs	Goats	Pigs	Total
		Cows	Other Cattle	Calves				
Tu bercu losis	Total	248	9	..	..	..	16	273
	Partial	11	2	..	..	..	..	13
	Total	259	11	..	..	..	16	286
Other Diseased Conditions	Total	117	7	20	172	16	35	367
	Partial	11	4	..	3	..	..	18
	Total	128	11	20	175	16	35	385

TABLE 4.

The following table shows the percentage by age of the animals slaughtered and condemned for Tuberculosis :—

SPECIES.		BY AGE.							
		From one month to one year	Per- centage	From one to three years	Per- centage	From 3 to 6 years	Per- centage	Over six years	Per- centage
Cows	.. ..	..	..	..	..	2	80	246	99.19
Heifers	.. ..	1	16.66	3	50.00	2	33.33	..	..
Bullocks	.. ..	..	..	1	33.33	2	66.66	..	..
Bulls	.. ..	..	..	..	..	..	..	..	..
Pigs	.. ..	16	100	..	..	..	..	..	..

The following table shows the percentage by condition of the animals slaughtered and condemned for Tuberculosis :—

SPECIES.		BY CONDITION.							
		Good		Fair		Indifferent		Poor	
		Number	Per- centage	Number	Per- centage	Number	Per- centage	Number	Per- centage
Cows	.. ..	11	4.43	69	27.82	120	48.38	48	19.35
Heifers	.. ..	1	16.66	4	66.66	..	..	1	16.66
Bullocks	.. ..	..	..	2	66.66	1	33.33	..	..
Bulls	.. ..	..	..	..	..	..	..	..	..
Pigs	.. ..	..	..	16	100	..	..	..	..

INSPECTION OF MEAT PREPARED OUTSIDE THE CITY BOUNDARY.

Table showing the amount inspected and amount condemned :—

			BEEF.			MUTTON		VEAL	PORK	GOATS.
			Sides	Quarters	Cuts	Carcases	Cuts	Carcases	Carcases	Carcases
Examined	..	..	2,218	417	1,306	3,198	85	25	10	231
Condemned	..	..	18	20	100 lbs.	9	..	7	7	..

		HEADS		TONGUES	HEARTS		LUNGS.		LIVERS	
		Beef	Mutton	Beef	Beef	Mutton	Beef	Mutton	Beef	Mutton
Examined		1,186	34	1,210	1,184	2,858	801	2,902	1,207	2,873
Condemned		18	..	18	14	..	88	..	331	417

INSPECTION OF CATTLE IN DAIRIES.

The number of Registered Cowkeepers inside the City Boundary was 97, a decrease of 11 from the previous year.

Their premises at the time of inspection accommodating 1,469 Milch Cows. Systematic inspection was carried out, the cows being carefully examined as to their health, condition, cleanliness, etc., and, generally speaking, were found to be satisfactory.

APPENDIX.

TABLE 1.

RETURN OF ANIMALS SLAUGHTERED IN THE MUNICIPAL ABATTOIR.

(The figures for the preceding year are given for comparison.)

Species.				1925—26. Number Slaughtered.	1924—25. Number Slaughtered
Cattle	..	..	..	39,560	39,632
Calves	..	..	..	1,502	2,920
Sheep and Lambs	..	..	..	63,638	70,343
Pigs	..	..	..	5,263	16,369
Goats	..	..	..	1,144	843
Total				111,107	130,107

TABLE II.

Return of Diseased Organs seized and destroyed as being unfit for human food during the year :—

				CATTLE.					Sheep. and Lambs	Pigs.	Goats.	Total.
				Cows.	Heifers	Bulls	Bull'ks	Calves				
LUNGS :—												
Abscess	..	..	..	12	3	..	1	..	..	..	..	16
Congestion	..	..	..	46	2	5	2	..	..	20	..	75
Cysts	..	..	..	74	1	3	10	..	1	2	..	91
Pleurisy	..	..	..	96	7	4	6	..	..	..	..	113
Tuberculosis..	..	..	..	2780	68	71	330	..	..	11	..	3260
HEADS :—												
Abscess	..	..	..	..	..	..	1	..	..	..	..	1
Actinomycosis	..	..	..	1	..	1	..	..	..	..	..	2
Injured	..	..	..	1	..	..	1	..	..	1	..	3
Tuberculosis..	..	..	..	38	1	1	7	..	..	8	..	55
TONGUES :—												
Abscess	..	..	..	..	..	..	1	..	..	..	..	1
Actinomycosis	..	..	..	1	..	1	..	..	..	..	..	2
Injured	..	..	..	..	..	..	1	..	..	1	..	2
Tuberculosis	..	..	..	38	1	1	7	..	..	8	..	55
HEARTS :—												
Abscess	..	..	..	..	1	..	1	..	..	..	..	2
Congestion	..	..	..	1	..	..	..	..	..	11	..	12
Pericarditis	..	..	..	2	..	..	..	..	..	1	..	3
Tuberculosis..	..	..	..	28	..	..	2	..	..	7	..	37
LIVERS :—												
Abscess	..	..	..	135	4	2	57	..	..	..	..	198
Angiomatosis	..	..	..	101	..	2	..	..	..	..	..	103
Cirrhosis	..	..	..	7368	300	269	2262	1	2	14	..	10216
Congestion	..	..	..	29	2	..	2	..	..	23	..	56
Cysts	..	..	..	1	..	1	3	..	1	25	..	31
Distomatosis (Liver Fluke)	..	..	..	26	38	49	405	..	7155	..	36	7709
Neoplasms	..	..	..	2	..	..	..	..	..	..	..	2
Necrosis	..	..	..	15	..	..	..	..	..	..	..	15
Tuberculosis..	..	..	..	68	9	2	15	..	..	8	..	102
STOMACHS :—												
Congestion	..	..	..	1	..	..	..	..	..	..	..	1
Abscess	..	..	..	1	..	..	..	..	..	..	..	1
Tuberculosis..	..	..	..	31	1	..	1	..	..	8	..	41
UDDERS :—												
Abscess	..	..	..	1	1	..	..	..	..	..	..	2
Congestion	..	..	..	4	..	..	..	..	..	..	..	4
Mastitis	..	..	..	698	..	..	..	..	..	..	..	698
KIDNEYS :—												
Cysts	..	..	..	5	..	..	2	..	..	..	..	7
Nephritis	..	..	..	30	..	..	2	..	..	..	..	32
Tuberculosis..	..	..	..	4	..	..	..	..	..	..	..	4

Note—The above table does not include the viscera of animals totally destroyed.

In concluding the atoregoing summary of the year's work, I desire to express my thanks to the Staff of the Department for the manner in which they have carried out their duties.

JOHN M'CLURE BARRY,
City Veterinarian.

City Veterinarian's Office,
Municipal Abattoir,
Belfast,

FACTORY AND WORKSHOP ACTS, 1901-1907.

Summary of inspections and of sanitary improvements carried out under the supervision of the Department, in pursuance of the provisions of above Acts.

FATORIES.

- 617 visits were made to factories.
- 111 nuisances were found to exist.
- 27 statutory notices were served for sanitary defects, etc.
- 56 verbal notices were given for sanitary defects, etc.
- 48 complaints were received from H.M. Inspector of Factories.
- 1 complaint was received from other sources.
- 1 case of failure to exhibit Abstract of Factory and Workshop Act was reported to H.M. Inspector of Factories.

SANITARY IMPROVEMENTS.

No. of Factories in which improve- ments were carried out.	Nature of Improvements.
2 ..	Water closet accommodation provided.
3 ..	Additional water closet accommodation provided.
1 ..	Privy abolished.
1 ..	Water closet removed to more suitable position.
2 ..	Water closets repaired.
26 ..	Water closets cleansed.
1 ..	Water closet cleansed and repaired.
2 ..	Water closet apartments ventilated.
4 ..	Water closet apartment limewashed.
1 ..	Cistern of water closet repaired.
13 ..	Intervening ventilated spaces provided to water closets.
2 ..	Waste pipes repaired.
4 ..	New drains provided.
5 ..	Drains cleansed.
2 ..	New Sinks provided.
4 ..	Cisterns repaired.
1 ..	Urinal removed to more suitable position.
2 ..	Trade Refuse removed.
4 ..	Roofs and Spouting repaired.
1 ..	Soil Pipe repaired.
1 ..	Factory closed as unsuitable.
1 ..	Stagnant Water Removed.

WORKSHOPS.

- 2,015 workshops on register on 1st January.
- 114 registered during the year.
- 21 removed from register during the year.
- 2,105 visits made.
- 319 nuisances found to exist.
- 99 statutory notices were served for sanitary defects, etc.
- 173 verbal notices given for sanitary defects, etc.
- 26 complaints were received from H.M. Inspector of Factories.
- 4 complaints were received from other sources.
- 13 cases of failure to exhibit abstract of Factory and Workshops Act were reported to H.M. Inspector of Factories.

SANITARY IMPROVEMENTS.

No. of Workshops in which improvements were carried out.	Nature of Improvements.	
1	..	Privy abolished.
6	..	Water closet accommodation provided.
6	..	Water closets provided with intervening ventilated spaces.
2	..	Additional water closet accommodation provided.
79	..	Water closets cleansed.
38	..	Water closets repaired.
1	..	Water closet cleansed and repaired.
8	..	Water closet cisterns repaired.
1	..	Water closet apartment limewashed.
1	..	Water closets provided with means of Ventilation.
3	..	Water closet roofs repaired.
5	..	Walls and roofs of water closet apartments repaired.
2	..	Cisterns repaired.
3	..	Waste pipes cleansed.
3	..	Waste pipes repaired.
1	..	Waste pipe cleansed and repaired.
7	..	Drains cleansed.
1	..	Drains cleansed and repaired.
6	..	New drains provided.
2	..	Gully traps cleansed.
3	..	Spouting cleansed and repaired.
9	..	Spouting repaired.
1	..	Floors of workshops repaired.
17	..	Workshops cleansed.
10	..	Workshops limewashed.
35	..	Workshops cleansed and limewashed.
2	..	Workshop provided with means of ventilation.
3	..	Stairs cleansed.
3	..	Water supply provided.
1	..	Flue of gas iron heater repaired.
5	..	Hoods provided to gas iron heaters.
9	..	Tiling repaired or relaid.
3	..	Dustbins provided.
6	..	Roofs repaired.
16	..	Roofs and spouting repaired.
4	..	New chimneys erected.
1	..	Workshop closed as unsuitable.
5	..	Miscellaneous nuisances abated.

WORKPLACES.

- 493 visits were made to workplaces.
- 64 nuisances were found to exist.
- 31 statutory notices were served for sanitary defects, etc.
- 31 verbal notices given.
- 3 complaints with regard to insanitary conditions were received.

SANITARY IMPROVEMENTS.

No. of Workplaces in which improvements were carried out.		Nature of Improvements.
1	..	Water closet accommodation provided.
1	..	Water closets cleansed.
7	..	Water closets repaired.
1	..	Water closets cleansed and repaired.
4	..	Water closet cisterns repaired.
2	..	Water closets provided with means of ventilation.
1	..	Walls of water closet apartment limewashed.
4	..	Waste pipe cleansed or repaired.
1	..	Drains cleansed.
1	..	New drains provided.
1	..	Gully trap cleansed and repaired.
5	..	Roofs repaired.
4	..	Spouting repaired.
2	..	Spouting cleansed or repaired.
4	..	Roofs and spouting repaired.
6	..	Roof of water closet repaired.
2	..	Water supply provided
7	..	Tiling, flooring, etc., repaired or relaid.
5	..	Wall limewashed or painted.
4	..	Workplaces cleansed.
1	..	Workplace provided with additional means of ventilation.
1	..	Dustbins provided.
6	..	Miscellaneous nuisances abated.

BAKEHOUSES.

577 visits were made to bakehouses.

126 nuisances were found to exist.

7 statutory notices for sanitary defects, etc., were served.

104 verbal notices for sanitary defects were given.

SANITARY IMPROVEMENTS.

No. of Bakehouses in which improve- ments were carried out.		Nature of Improvements.
1	..	Additional water closet accommodation.
1	..	Water closet accommodation provided with means of ventilation.
4	..	Water closets cleansed.
2	..	Water closets repaired.
5	..	Drains within or communicating with bakehouse removed.
1	..	Means of light and ventilation provided.
2	..	Ceilings repaired.
4	..	Tiles relaid.
1	..	Second hand clothes ceased to be sold in home baking workroom.

All bakehouses were limewashed or otherwise cleansed at least twice during the year.

SHOPS.

3,512 visits were made under the Shop Hours Acts, 1892–1895, the Seats for Shop Assistants Act, 1899, the Belfast Corporation Act, 1911, and the Public Health (Ireland) Acts.

28 breaches of the various Acts were discovered.

46 statutory notices for sanitary defects, etc., were served.

65 verbal notices for sanitary defects, etc., were given.

11 complaints *re* sanitary defects, etc., were received.

TABLE No. 32

HOME WORK.

	OUTWORKERS										Visits to Employers Premises			
	Lists received from Employers						Notices Served on Occupiers as to Keeping or Sending Lists.	Prosecutions ----- Failing to send Lists.	Inspections of Outworkers' Premises.	Outwork in Unwholesome Premises.		Outwork in Infected Premises.		
	Sending Twice in the Year.		Sending Once in the Year		Instances	Notices Served.				Instances		Orders Made.		
	Lists.	Outworkers		Lists									Outworkers	
		Contractors	Workmen.										Contractors	Workmen.
Wearing Apparel— Making, Cleansing and Washing	198	11	619	6	..	7	..	1217						
Household Linen ..	160	451	3250	6	1	24	1	3623	136	136	19	22	135	
Furniture and Upholstery	4	..	4	..	..	..	..	4					
Paper Bags and Boxes ..	4	..	18	..	..	..	..	23					
Total ..	366	462	3891	12	1	31	1	4867	136	136	19	22	135	

The approximate number of outworkers over which the department required to exercise supervision during the year was 1,500.

The names and addresses of all outworkers and contractors who resided outside the city were forwarded to the District Council of the district in which they resided.

91 sanitary defects, &c, were discovered and remedied.

All work found on infected premises was disinfected.

There were 142 special inspections of houses which were found to be kept in a dirty condition

SANITARY IMPROVEMENTS, ETC.

No. of Shops in which improve- ments were carried out.	Nature of Improvements.
54 ..	Cleansed.
2 ..	Use of shop as sleeping apartment discontinued.
14 ..	Rooms adjoining shops ceased to be used as sleeping apartments.
1 ..	Shop which did not comply with provisions of the Belfast Corporation Act given up.
3 ..	Sale of food discontinued in shops which did not comply with the provisions of the Belfast Corporation Act.
3 ..	Sale of food on same premises as second-hand clothes, furniture, etc., discontinued.
1 ..	Storage provided for food.
3 ..	Tiling or flooring repaired.
5 ..	Roofs repaired.
5 ..	Limewashed.
9 ..	Water closets cleansed.
2 ..	Water closet roofs repaired.
9 ..	Water closets repaired.
3 ..	Waste pipes cleansed or repaired.
3 ..	Cisterns of water closet repaired.
8 ..	Yards cleansed.
2 ..	Miscellaneous nuisances abated.
2 ..	Overcrowding reduced.

COMMON LODGING HOUSES.

Number on Register at 1st January	54
New registrations effected during the year.	1
Number removed from Register during the year	1
Number of lodgers for whom there was accommodation on 31st Dec.	1,897
Number of visits during the year by lodging house Inspector	2,186
Nuisances discovered	106
Breaches of Bye-Laws	169
Statutory notices served for abatement of nuisances	50
Verbal notices given for breaches of Bye-Laws	180

The accommodation varied from 5 to 319 persons to a house.

On visiting the lodging houses your officer paid special attention to the general condition of the premises, including cleanliness, lighting and ventilation, and also to the condition of the bedding. The prevention of overcrowding was strictly enforced.

All the houses were limewashed regularly and the bedding cleansed or renewed at intervals.

No case of infectious disease occurred in any of the houses during the year.

A number of sanitary defects were discovered for which notices were served on the owners or persons responsible.

3 Summonses were issued.

SANITARY IMPROVEMENTS, ETC.

No. of Houses in which improve- ments were carried out.	Nature of Improvements.
6 ..	Ceilings repaired.
1 ..	Chimney repaired.
1 ..	Door Frame repaired.
5 ..	Drains cleansed.
21 ..	Roofs repaired.
1 ..	Skylight repaired.
20 ..	Spouting repaired.
17 ..	Tiling, flooring, &c., repaired or relaid.
1 ..	Walls cemented.
5 ..	Walls repaired.
1 ..	Walls provided with damp-proof course.
2 ..	Waste pipes provided.
4 ..	Water closets cleansed.
6 ..	Water closets repaired.
1 ..	New basin provided to water closet.
1 ..	Window frame repaired.

LODGING HOUSES (OTHER THAN COMMON).

Number on Register, 1st January 736

Distribution of Houses according to Sanitary Divisions.

North 258	East 76
South 281	West 120

All the houses were regularly visited during the year.

SCHOOLS.

During the year 2,459 visits were paid by the Sanitary Sub-Officers to the various schools in the City. On 1,197 of these visits the number of pupils in attendance was found to exceed the school accommodation.

Immediate remedial measures were taken for the abatement of any nuisances discovered, and the following is a summary of the sanitary improvements carried out.

No. of Schools in which improvements were carried out	Nature of Improvements.
9 ..	Roofs repaired.
4 ..	Spouting repaired.
14 ..	Water closets cleansed and repaired.
7 ..	Drains cleansed.
1 ..	Dustbin provided.
2 ..	Tiling repaired.
4 ..	Miscellaneous nuisances abated.

NUISANCES.

During the year it was found necessary in order to check or prevent the spread of infection to recommend the closing of 30 schools for periods ranging from 10 to 21 days owing to outbreaks of infectious diseases amongst the children in attendance.

The outbreaks occurred in the first and last quarters. During the first quarter 6 schools were closed—one in January, four in February, and one in March—and during the last quarter 24 were closed—one in October, 4 in November and 19 in December.

SMOKE NUISANCE.

During the year 63 observations were made for the detection of black smoke being emitted in such quantities as to be a nuisance, and 4 nuisances were dealt with under Section 107 of the Public Health (Ireland) Act, 1878.

OFFENSIVE TRADES.

During the year 394 visits were made to the premises in which offensive trades were carried on throughout the City in order to ensure that the Bye-Laws with respect to same were being complied with.

RAG FLOCK ACT.

During the year 4 samples of flock were submitted to the Analyst for examination, and were found to conform to the standard of cleanliness prescribed by the regulations made by the Local Government Board. 20 visits were paid to the premises where flock was used in the manufacture of bedding, etc.

LEGAL PROCEEDINGS.

	Summonses.	Orders.	Fines.		
			£	s	d
Under Public Health Acts:—					
For abatement of nuisances	597	93	11	11	0
Disobedience of Justices' Orders	9	..	1	11	0
Breach of Sec. 51 Public Health (Ireland) Act, 1878	13	..	—		
Failing to remove manure within prescribed period	2	..	0	19	0
Conveying unsound carcase of a pig for the purpose of sale for the food of man ..	3	..	8	0	0
Having unsound carcase of a pig on premises for the purpose of sale for the food of man	1	..	2	0	0
Having unsound carcase of a cow on premises for the purpose of sale for the food of man.	1	..	2	0	0
Using premises as a slaughter house without a licence	1	..	2	0	0
Exposing unsound poultry for sale for the food of man	2	..	3	0	0
Failing to submit meat for inspection ..	1	..	0	10	0
Under Dairies, Cowsheds and Milkshops (Ireland) Order	8	..	5	5	0
Under Bye-Laws for the Regulation of Piggeries	11	..	—		
Under Bye-Laws with respect to Common Lodg- ing Houses	3	..	0	5	0
Under Bye-Laws for the decent and seemly con- veyance of meat through the public thoroughfares.. .. .	3	..	5	10	0
Under Belfast Corporation Acts	12	..	5	0	0
Under Factory and Workshop Act	1	..	—		
Under Diseases of Animals Acts:—					
Sheep Dipping	4	..	6	0	0
Sheep Scab	7	..	10	15	0
Failing to give notice to Police of the existence of Bovine Tuberculosis	2	..	8	0	0
Under Sale of Food and Drugs Acts	—	..	252	10	0

RAINFALL.

The following Table, kindly supplied by Mr. W. I. Quinn, Secretary to the Belfast City and District Water Commissioners, shows the rainfall in inches during the several months of the year 1925, as recorded at the Water Works at Old Park, compared with the preceding ten years.

TABLE NO. 33.

		1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
January	..	5.32	2.78	2.26	2.87	4.48	4.78	5.42	4.62	4.84	5.06	3.16
February	..	4.52	3.75	2.38	5.05	1.65	1.83	0.57	3.84	6.39	0.85	4.15
March	..	1.07	1.77	2.96	1.21	3.76	2.72	2.24	1.28	2.53	1.36	1.24
April	..	2.11	4.24	1.71	1.83	1.07	2.50	0.89	3.62	3.28	3.15	3.89
May	..	0.99	4.71	5.46	3.30	1.24	3.40	1.52	1.67	1.43	5.12	6.23
June	..	1.72	1.98	2.22	1.56	2.04	2.96	0.21	2.18	0.49	4.32	0.41
July	..	4.10	2.30	2.33	3.58	0.17	2.37	3.22	3.52	1.60	4.42	3.96
August	..	3.59	1.60	5.81	3.29	3.29	2.17	3.18	3.63	7.40	5.71	1.70
September	..	1.28	0.74	2.07	5.89	3.26	2.36	1.71	1.93	4.34	6.93	3.96
October	..	3.06	9.11	6.26	5.04	1.70	6.57	4.21	1.82	5.80	3.00	3.47
November	..	2.60	3.89	4.84	5.04	3.07	3.23	2.97	1.39	4.20	4.17	1.86
December	..	6.29	2.33	2.67	5.41	7.41	5.67	3.73	2.86	5.78	4.83	4.68
Total	..	36.56	39.20	40.97	44.07	33.14	40.59	29.87	32.41	48.08	48.92	38.71

DISPENSARY DISTRICT.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XV.	XVI.	TOTAL
Schools :—																
Inspections	139	231	320	224	221	206	44	54	156	161	284	47	147	159	66	2459
Common Lodging Houses :—																
Inspections—Day	468	673	..	87	524	..	..	..	..	..	..	..	..	348	68	2163
" Night	2	9	..	..	7	..	..	..	..	..	..	..	..	..	..	18
Breaches of Bye-Laws	47	43	..	6	58	..	..	..	..	..	..	..	..	6	9	169
Nuisances	21	32	..	3	38	..	..	..	..	..	..	..	..	7	5	106
Under the Dairies, Cowsheds and Milkshops																
Order :—																
Cowsheds—																
Inspections	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Breaches of Order	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Milkshops—																
Inspections	284	535	640	554	248	411	28	15	218	256	657	368	197	402	270	5083
Breaches of Order	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2
Under the Bye-Laws for the Regulation of																
Offensive Trades :—																
Inspections	41	3	45	49	..	188	..	..	..	..	..	..	..	46	22	394
Breaches of Bye-Laws	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tipping Grounds :—																
Inspections	95	72	4	146	1	74	54	46	35	142	324	..	215	..	..	1208
Nuisance	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Black Smoke :—																
Observations made	55	..	..	..	2	..	..	..	2	4	..	..	..	..	..	63
Graveyards :—																
Inspections	..	8	..	49	..	76	12	..	8	9	..	6	19	..	..	187
Breaches of Burying Ground Regulations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Marine Stores :—																
Inspections	66	18	90	..	59	55	..	..	..	7	..	..	..	30	..	325
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Public Urinals :—																
Inspections	770	62	98	196	148	257	49	64	216	182	..	..	20	74	18	2154
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Amusement Halls :—																
Inspections	453	107	11	80	134	..	..	..	4	..	47	14	..	25	72	947
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rivers :—																
Inspections	2	17	..	11	7	1	..	3	20	18	3	..	18	12	..	112
Nuisances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Drain Tests :—																
Requests	2	12	6	7	1	27	1	..	1	..	4	2	7	5	2	77
Defective	2	4	3	5	1	19	1	..	..	..	4	1	5	2	..	47
New Work	12	20	8	5	2	11	..	3	5	..	7	1	4	1	..	79
Defective	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever	2	7	8	1	7	1	..	..	39	4	5	2	6	26	1	109
Defective	2	2	5	..	1	..	..	..	13	..	3	1	1	6	..	34
Diphtheria	12	23	28	29	18	36	..	1	23	20	51	14	14	18	10	297
Defective	8	2	14	12	6	11	..	..	7	9	26	8	5	3	2	113
Continued Fever	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Defective	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Schools	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Defective	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others	7	44	78	6	14	20	..	1	14	18	16	11	7	16	27	279
Defective	..	25	38	5	4	15	..	..	12	14	10	8	2	12	15	164
Total No. of Tests	35	106	198	48	43	95	1	5	82	42	83	30	38	66	40	842
Do. Defects	16	33	60	22	12	45	1	..	32	23	43	18	13	23	17	358

SANITARY REPORT (continued).

DISPENSARY DISTRICT.

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XV.	XVI.	TOTAL.
House Drains Cleaned	236	421	318	481	204	439	4	8	180	143	202	188	192	444	239	3699
House Drains Repaired	26	64	66	29	9	33	2	..	19	12	48	29	26	44	43	450
Pipe Drain Laid in Providing Houses with New Drains	285	269	327	192	198	1174	90	78	434	78	342	183	430	74	147	4301
Gully and Disconnecting Traps put on House Drains	14	18	12	16	3	31	..	..	18	2	1	3	..	3	..	121
Houses had the Tiling, Paving, or Flooring Repaired	216	631	634	384	203	356	21	87	407	464	502	394	287	319	298	5203
Water Closets Erected	3	..	1	1	..	3	..	..	2	..	..	1	1	..	..	12
Water Closets Repaired	263	518	367	293	248	215	11	20	331	354	332	262	154	273	222	386
Ashbins Provided	75	238	333	146	203	153	..	45	403	428	148	99	190	170	208	2839
Houses Provided with New Sinks .. .. .	..	..	..	..	..	2	..	..	..	..	3	..	..	..	6	11
Houses Provided with New Soil and Ventilation Pipes .. .. .	..	..	1	..	..	1	..	..	5	..	..	1	..	..	..	8
Houses have had the Roofs Repaired	421	802	827	323	420	489	16	20	447	322	513	480	361	396	384	6221
Houses have had the Spouting Repaired	248	532	414	171	172	282	33	26	180	151	487	227	207	190	173	3493
Houses have been Cleaned or Whitewashed	46	65	17	19	19	21	25	1	8	9	17	24	10	36	22	339
Houses have had the Yard Walls Linewashed	17	50	..	..	3	47	34	31	..	..	75	..	..	..	..	257
Houses (that were overcrowded) had the Number of Inmates Reduced	6	4	2	2	4	2	..	1	1	1	4	4	1	1	5	38
Houses Closed .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Houses have had Minor Repairs Effected	244	494	491	171	202	230	5	14	302	191	477	403	252	351	350	4177
Miscellaneous Nuisances Abated	94	224	316	78	144	118	6	32	345	397	141	183	200	140	139	2557

PORT SANITARY AUTHORITY.

During the year 2,478 visits were made for the inspection and re-inspection of vessels entering the Port; of these 1,767 were primary and 711 were subsequent inspections. 1,351 vessels arrived from ports situated in the United Kingdom, and 416 from foreign ports.

The foreign ports from which vessels arrived were :—

Adelaide ..	1	Freemantle ..	2	Parrsboro ..	2
Albany ..	1	Geelong ..	1	Patras ..	2
Algiers ..	1	Ghent ..	30	Pernau ..	2
Almeria ..	4	Gothenberg ..	24	Philadelphia ..	6
Antwerp ..	29	Halifax ..	4	Pomeron ..	1
Archangel ..	1	Hamburg ..	65	Porsgrund ..	1
Baltimore ..	6	Havre ..	2	Portland, O. ..	5
Banbury ..	1	Helingsfors ..	1	Port Lincoln ..	1
Bjorneborg ..	1	Huelva ..	5	Porti ..	1
Bona ..	2	Karachi ..	1	Rangoon ..	1
Borga ..	1	La Plata ..	2	Reval ..	1
Boulogne ..	24	Leningrad ..	2	Riga ..	9
Braila ..	7	Limerick ..	1	Rosario ..	9
Bremen ..	5	Lisbon ..	2	Rotterdam ..	39
Brisbane ..	1	Malaga ..	2	Sabina ..	1
Buenos Ayres ..	6	Melbourne ..	1	St. John's ..	3
Capetown ..	5	Miramichi ..	5	Sulina ..	2
Casablanca ..	1	Mobile ..	1	Sunsvall ..	1
Castleton ..	3	Montreal ..	8	Sydney ..	1
Constanza ..	1	New Brunswick ..	1	Tampico ..	1
Dunkirk ..	5	New Orleans ..	9	Trondhjem ..	1
Durban ..	6	Newport News ..	1	Valencia ..	8
East London ..	2	New York ..	25	Villa Constitution ..	1
Frederickstadt ..	1	Norfolk ..	1	Vancouver ..	2
Frederickshaven ..	1	Odessa ..	1	Weismar ..	2

The nationality of these vessels was as follows :—

American ..	32
Australian ..	2
British ..	1628
Danish ..	6
Dutch ..	18
Free State ..	2
French ..	2
German ..	32
Greek ..	7
Hungarian ..	2
Italian ..	6
Japanese ..	1
Lithuanian ..	1
Norwegian ..	15
Roumanian ..	1
Russian ..	1
Spanish ..	2
Swedish ..	9

Insanitary conditions were found to exist on board 312 of these vessels, and the Masters or other responsible Officers were notified in connection therewith.

To comply with the terms of the notices, the following work was carried out :—

- 1 vessel had new water closets provided.
- 1 vessel had the water closets repaired.
- 194 vessels had the crew's quarters cleansed.
- 6 vessels had the crew's quarters cleansed and painted.
- 110 vessels had the water closets cleansed.

312

The following foodstuffs were seized as being unfit for the food of man :—

			Tons.	cwts.	qrs.	lbs.
25 Udders	..	..	—	3	3	13
46 cases Apricot Pulp	..	..	1	13	2	8
297 cases Melons	..	..	14	17	0	0
10 barrels Grapes	..	..	—	5	0	0

5 Vessels were fumigated for the destruction of rats and one for sickness.

INQUEST CASES.

CAUSE OF DEATH.	Under 1 year.		1 and under 5 years.		5 and under 15 years.		15 and under 25 years.		25 and under 45 years.		45 and under 65 years.		65 years and upwards.		Total.		Grand Total.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Accidents—Run over	—	—	2	—	1	4	3	—	3	1	4	3	3	5	16	13	29
" Various Injuries	—	—	—	2	2	—	2	1	8	—	1	1	2	2	15	6	21
Bullet Wounds	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1
Convulsions	3	1	—	—	—	—	—	—	—	—	—	—	—	—	3	1	4
Cause of Death unknown	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Drowning	—	—	—	—	—	—	—	—	—	—	2	1	—	—	5	1	6
Exposure	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1
Fracture of Skull	2	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	1
Heart Failure (Disease)	—	—	—	—	1	—	5	—	7	—	3	—	—	3	18	3	21
Inattention at Birth	4	5	—	—	—	—	1	1	3	—	7	1	5	3	16	5	21
Overlying	1	1	—	—	—	—	—	—	—	—	—	—	—	—	4	1	5
Shock following Burns	1	—	3	1	—	1	—	—	—	—	—	—	—	1	4	1	5
" Scalds	3	—	2	1	—	1	—	—	—	—	—	—	—	—	5	2	7
" Strangulation	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Suicide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16	8	24
Poisoning by Gas	—	—	—	—	2	—	2	2	5	6	8	—	1	2	4	4	8
" Acid	—	—	—	—	—	—	—	—	1	—	3	2	1	—	1	1	2
Natural Causes	1	—	—	—	—	1	—	—	—	1	2	—	—	—	5	7	12
Septicæmia	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—
and due to Burns	1	—	—	1	—	1	—	—	1	—	—	—	—	—	2	3	5
Toxæmia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
															119	65	184

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